

Exhibit E-23

This exhibit consists of this explanatory text, a computer generated coverage map, and tabulations and profile graphs of the 186-192 degree true radials from the proposed site.




As the coverage map demonstrates, the predicted 70 dBu F(50,50) service contour by the Commission's standard method would fail to encompass the communities of license, Gardnerville and Minden, Nevada. Although the standard method fails to demonstrate coverage over the community of license, the use of an alternate propagation method is warranted due to the variation in terrain elevations along the radials spanning the communities of license.

Specifically, the 186 to 192 degree true radials are the azimuths which span both Gardnerville and Minden. Along these radials, the delta-h values vary from a low value of 103.5 meters on the 188 degree true radial to 350.8 meters on the 192 degree true radials. Since these values fall outside of the range of values for which an applicant is required to use the standard method, specifically, the values are in excess of 100 meters, it is respectfully submitted that the use of the Longley-Rice model for purposes of determining coverage over the city of license would be warranted.

Therefore, in addition to the FCC service contours illustrated on the map, the predicted Longley-Rice coverage is indicated in two different fashions. First, a shading method is utilized in which gradient color shading demonstrates the predicted signal level according to the model. Since it is understood that the Commission's Staff prefers to view such maps in terms of a contour, the calculated Longley-Rice contour is also indicated, and is depicted by the dashed contour on this map. As the map illustrates, the predicted 70 dBu service contour by Longley-Rice would totally encompass the communities of license, which are indicated on the coverage map.

As a result, it is respectfully requested that the Commission's Staff permit the applicant to demonstrate that the required coverage over the community of license is met through the use of Longley-Rice instead of the standard method.

Latitude: 39-15-21 N
Longitude: 119-42-37 W
ERP: 0.40 kW
Channel: 256
Frequency: 99.1 MHz
AMSL Height: 2270.0 m
Elevation: 2245.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

 > 70.0 dBu
 60.0 - 70.0
 54.0 - 60.0

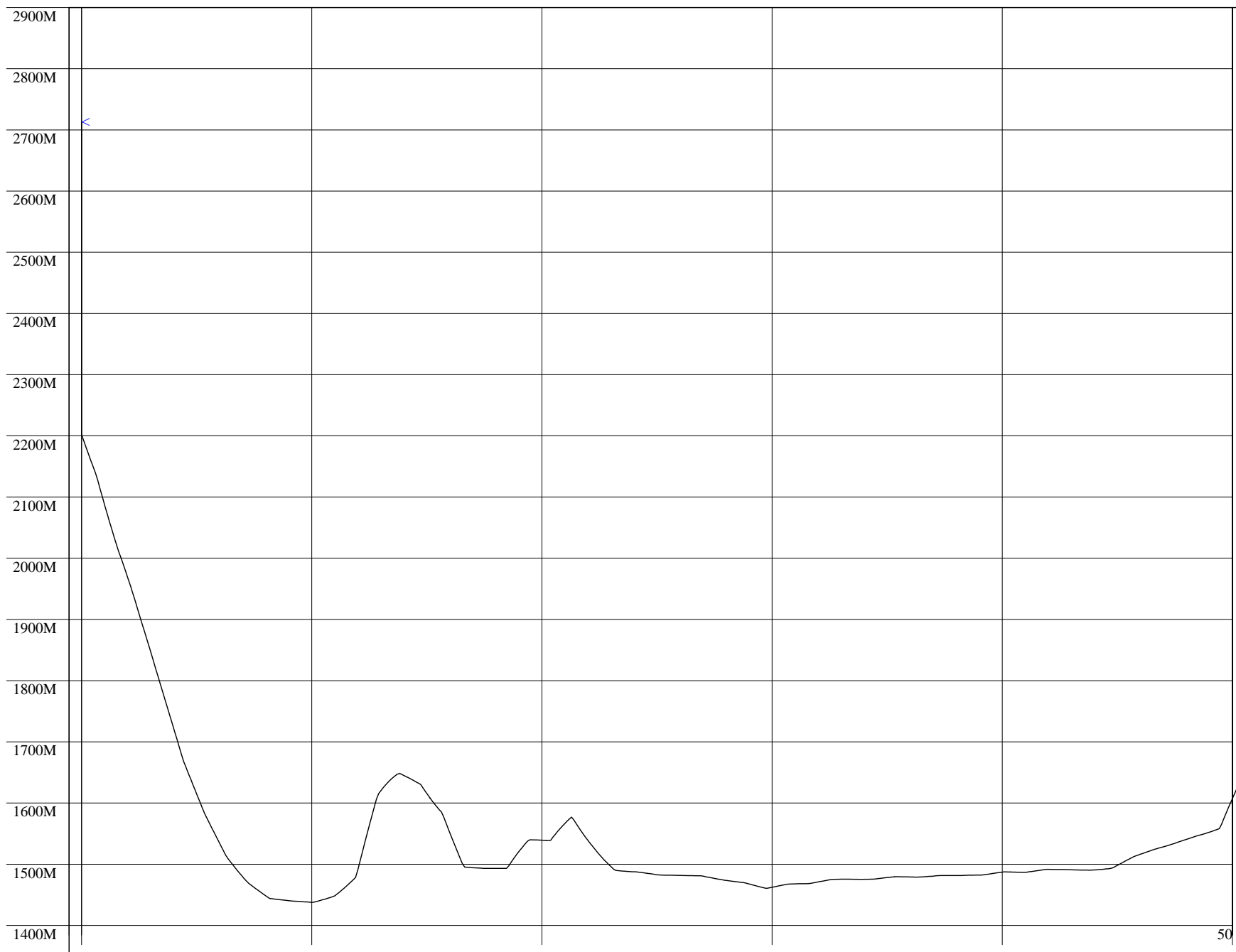
70 dBu F(50,50)
FCC Service Contour

60 dBu F(50,50)
FCC Service Contour

70 dBu F(50,50)
Longley-Rice Contour

Exhibit E-23
Proposed Coverage Map
KCMY - Gardnerville-Minden, NV
Jerry Evans
September, 2005

Scale 1:500,000



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 186°

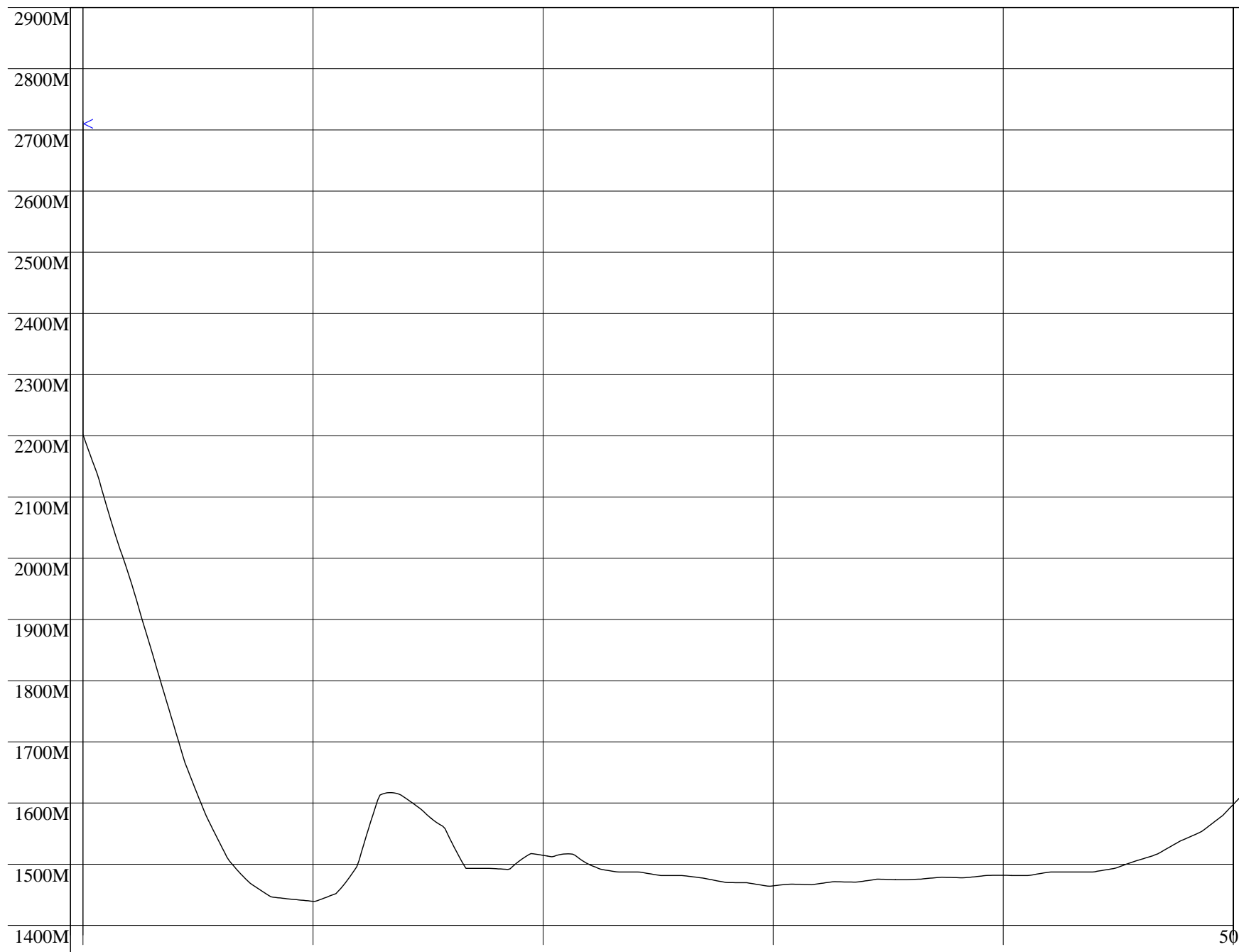
Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 186°
Delta h= 109.6M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -2.5 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.84	000.2	2164.81	000.3	2153.96	000.4	2143.28	000.5	2132.77
000.6	2122.43	000.7	2110.25	000.8	2096.16	000.9	2082.28	001.0	2068.60	001.1	2055.13
001.2	2041.87	001.3	2028.81	001.4	2015.96	001.5	2003.31	001.6	1991.24	001.7	1980.65
001.8	1969.74	001.9	1958.51	002.0	1946.96	002.1	1935.08	002.2	1922.88	002.3	1910.37
002.4	1897.52	002.5	1884.36	002.6	1871.73	002.7	1859.14	002.8	1846.50	002.9	1833.79
003.0	1821.03	003.1	1808.22	003.2	1795.35	003.3	1782.42	003.4	1769.44	003.5	1756.48
003.6	1743.58	003.7	1730.67	003.8	1717.77	003.9	1704.86	004.0	1691.95	004.1	1679.05
004.2	1666.14	004.3	1653.24	004.4	1641.19	004.5	1631.38	004.6	1621.61	004.7	1611.87
004.8	1602.16	004.9	1592.49	005.0	1582.85	005.1	1573.25	005.2	1563.68	005.3	1554.11
005.4	1546.42	005.5	1538.79	005.6	1531.15	005.7	1523.51	005.8	1515.87	005.9	1508.24
006.0	1500.60	006.1	1492.96	006.2	1485.32	006.3	1479.39	006.4	1474.35	006.5	1469.40
006.6	1464.55	006.7	1459.80	006.8	1455.13	006.9	1450.56	007.0	1446.09	007.1	1441.70
007.2	1437.89	007.3	1434.95	007.4	1432.04	007.5	1429.17	007.6	1426.33	007.7	1423.53
007.8	1420.77	007.9	1418.05	008.0	1415.37	008.1	1412.87	008.2	1412.40	008.3	1411.93
008.4	1411.46	008.5	1410.99	008.6	1410.52	008.7	1410.05	008.8	1409.57	008.9	1409.10
009.0	1408.63	009.1	1408.38	009.2	1408.18	009.3	1407.96	009.4	1407.72	009.5	1407.47
009.6	1407.19	009.7	1406.90	009.8	1406.59	009.9	1406.26	010.0	1406.52	010.1	1407.52
010.2	1408.56	010.3	1409.63	010.4	1410.74	010.5	1411.89	010.6	1413.07	010.7	1414.30
010.8	1415.56	010.9	1417.12	011.0	1420.16	011.1	1423.29	011.2	1426.52	011.3	1429.84
011.4	1433.27	011.5	1436.78	011.6	1440.40	011.7	1444.11	011.8	1447.92	011.9	1461.14
012.0	1476.13	012.1	1491.41	012.2	1506.79	012.3	1521.67	012.4	1536.32	012.5	1550.75
012.6	1564.94	012.7	1578.91	012.8	1588.07	012.9	1593.28	013.0	1598.16	013.1	1602.69
013.2	1606.88	013.3	1610.72	013.4	1614.23	013.5	1617.39	013.6	1620.21	013.7	1621.60
013.8	1619.69	013.9	1617.76	014.0	1615.78	014.1	1613.77	014.2	1611.71	014.3	1609.63
014.4	1607.50	014.5	1605.34	014.6	1603.14	014.7	1597.38	014.8	1591.64	014.9	1586.09
015.0	1580.73	015.1	1575.57	015.2	1570.59	015.3	1565.80	015.4	1561.20	015.5	1556.79
015.6	1548.50	015.7	1538.22	015.8	1528.12	015.9	1518.18	016.0	1508.42	016.1	1498.83
016.2	1489.40	016.3	1480.15	016.4	1471.07	016.5	1465.16	016.6	1464.84	016.7	1464.55
016.8	1464.27	016.9	1464.01	017.0	1463.77	017.1	1463.55	017.2	1463.34	017.3	1463.16
017.4	1463.00	017.5	1463.00	017.6	1463.00	017.7	1463.00	017.8	1463.00	017.9	1463.00
018.0	1463.00	018.1	1463.00	018.2	1463.00	018.3	1463.00	018.4	1467.51	018.5	1473.36
018.6	1478.97	018.7	1484.36	018.8	1489.52	018.9	1494.46	019.0	1499.17	019.1	1503.70
019.2	1508.28	019.3	1510.73	019.4	1510.63	019.5	1510.52	019.6	1510.38	019.7	1510.23
019.8	1510.06	019.9	1509.87	020.0	1509.66	020.1	1509.43	020.2	1509.97	020.3	1515.09
020.4	1520.01	020.5	1524.72	020.6	1529.22	020.7	1533.51	020.8	1537.59	020.9	1541.46
021.0	1545.13	021.1	1548.59	021.2	1543.81	021.3	1537.67	021.4	1531.72	021.5	1525.96
021.6	1520.39	021.7	1515.01	021.8	1509.82	021.9	1504.82	022.0	1500.01	022.1	1495.24
022.2	1490.51	022.3	1485.95	022.4	1481.57	022.5	1477.35	022.6	1473.31	022.7	1469.44
022.8	1465.73	022.9	1462.20	023.0	1459.54	023.1	1459.18	023.2	1458.84	023.3	1458.53
023.4	1458.23	023.5	1457.95	023.6	1457.69	023.7	1457.44	023.8	1457.22	023.9	1457.01
024.0	1456.57	024.1	1456.09	024.2	1455.60	024.3	1455.09	024.4	1454.55	024.5	1454.00
024.6	1453.43	024.7	1452.84	024.8	1452.24	024.9	1451.96	025.0	1451.87	025.1	1451.78
025.2	1451.70	025.3	1451.61	025.4	1451.52	025.5	1451.44	025.6	1451.35	025.7	1451.26
025.8	1451.18	025.9	1451.09	026.0	1451.00	026.1	1450.97	026.2	1450.92	026.3	1450.85
026.4	1450.77	026.5	1450.66	026.6	1450.54	026.7	1450.38	026.8	1449.65	026.9	1448.91
027.0	1448.18	027.1	1447.45	027.2	1446.72	027.3	1445.99	027.4	1445.26	027.5	1444.52
027.6	1443.79	027.7	1443.18	027.8	1442.62	027.9	1442.08	028.0	1441.56	028.1	1441.06
028.2	1440.57	028.3	1440.11	028.4	1439.66	028.5	1439.24	028.6	1438.52	028.7	1437.42
028.8	1436.35	028.9	1435.29	029.0	1434.25	029.1	1433.24	029.2	1432.25	029.3	1431.28
029.4	1430.33	029.5	1429.62	029.6	1430.42	029.7	1431.21	029.8	1432.00	029.9	1432.79
030.0	1433.58	030.1	1434.36	030.2	1435.14	030.3	1435.91	030.4	1436.69	030.5	1436.89
030.6	1436.98	030.7	1437.07	030.8	1437.15	030.9	1437.24	031.0	1437.33	031.1	1437.41
031.2	1437.50	031.3	1437.59	031.4	1438.01	031.5	1438.74	031.6	1439.47	031.7	1440.20
031.8	1440.94	031.9	1441.67	032.0	1442.40	032.1	1443.13	032.2	1443.86	032.3	1444.46
032.4	1444.60	032.5	1444.71	032.6	1444.81	032.7	1444.89	032.8	1444.95	032.9	1444.99
033.0	1444.94	033.1	1444.86	033.2	1444.77	033.3	1444.72	033.4	1444.68	033.5	1444.67
033.6	1444.67	033.7	1444.69	033.8	1444.73	033.9	1444.79	034.0	1444.86	034.1	1444.96
034.2	1445.33	034.3	1445.84	034.4	1446.33	034.5	1446.81	034.6	1447.26	034.7	1447.70
034.8	1448.12	034.9	1448.52	035.0	1448.91	035.1	1449.13	035.2	1449.04	035.3	1448.96
035.4	1448.87	035.5	1448.78	035.6	1448.70	035.7	1448.61	035.8	1448.52	035.9	1448.44
036.0	1448.36	036.1	1448.56	036.2	1448.79	036.3	1449.03	036.4	1449.30	036.5	1449.58
036.6	1449.88	036.7	1450.20	036.8	1450.54	036.9	1450.89	037.0	1451.00	037.1	1451.00
037.2	1451.00	037.3	1451.00	037.4	1451.00	037.5	1451.00	037.6	1451.00	037.7	1451.00
037.8	1451.00	037.9	1451.08	038.0	1451.25	038.1	1451.40	038.2	1451.53	038.3	1451.65
038.4	1451.74	038.5	1451.82	038.6	1451.88	038.7	1451.92	038.8	1452.00	038.9	1452.56
039.0	1453.12	039.1	1453.68	039.2	1454.24	039.3	1454.80	039.4	1455.36	039.5	1455.92
039.6	1456.47	039.7	1457.03	039.8	1457.08	039.9	1456.98	040.0	1456.90	040.1	1456.81
040.2	1456.72	040.3	1456.64	040.4	1456.55	040.5	1456.47	040.6	1456.38	040.7	1456.62
040.8	1457.18	040.9	1457.74	041.0	1458.30	041.1	1458.86	041.2	1459.41	041.3	1459.97
041.4	1460.53	041.5	1461.09	041.6	1461.52	041.7	1461.43	041.8	1461.34	041.9	1461.26
042.0	1461.17	042.1	1461.09	042.2	1461.00	042.3	1460.91	042.4	1460.83	042.5	1460.74
042.6	1460.65	042.7	1460.57	042.8	1460.48	042.9	1460.40	043.0	1460.31	043.1	1460.22

043.2	1460.14	043.3	1460.05	043.4	1459.96	043.5	1460.08	043.6	1460.34	043.7	1460.63
043.8	1460.93	043.9	1461.25	044.0	1461.59	044.1	1461.94	044.2	1462.32	044.3	1462.71
044.4	1463.65	044.5	1465.80	044.6	1467.93	044.7	1470.05	044.8	1472.14	044.9	1474.21
045.0	1476.27	045.1	1478.31	045.2	1480.33	045.3	1482.33	045.4	1483.77	045.5	1485.20
045.6	1486.61	045.7	1487.99	045.8	1489.37	045.9	1490.72	046.0	1492.05	046.1	1493.37
046.2	1494.66	046.3	1495.83	046.4	1496.95	046.5	1498.07	046.6	1499.18	046.7	1500.30
046.8	1501.42	046.9	1502.63	047.0	1503.91	047.1	1505.21	047.2	1506.52	047.3	1507.81
047.4	1509.10	047.5	1510.39	047.6	1511.68	047.7	1512.97	047.8	1514.26	047.9	1515.55
048.0	1516.84	048.1	1518.10	048.2	1519.12	048.3	1520.21	048.4	1521.34	048.5	1522.54
048.6	1523.79	048.7	1525.09	048.8	1526.45	048.9	1527.86	049.0	1529.34	049.1	1537.41
049.2	1546.96	049.3	1556.32	049.4	1565.46	049.5	1574.40	049.6	1583.13	049.7	1591.66
049.8	1599.98	049.9	1608.09	050.0	1612.39						



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 187°

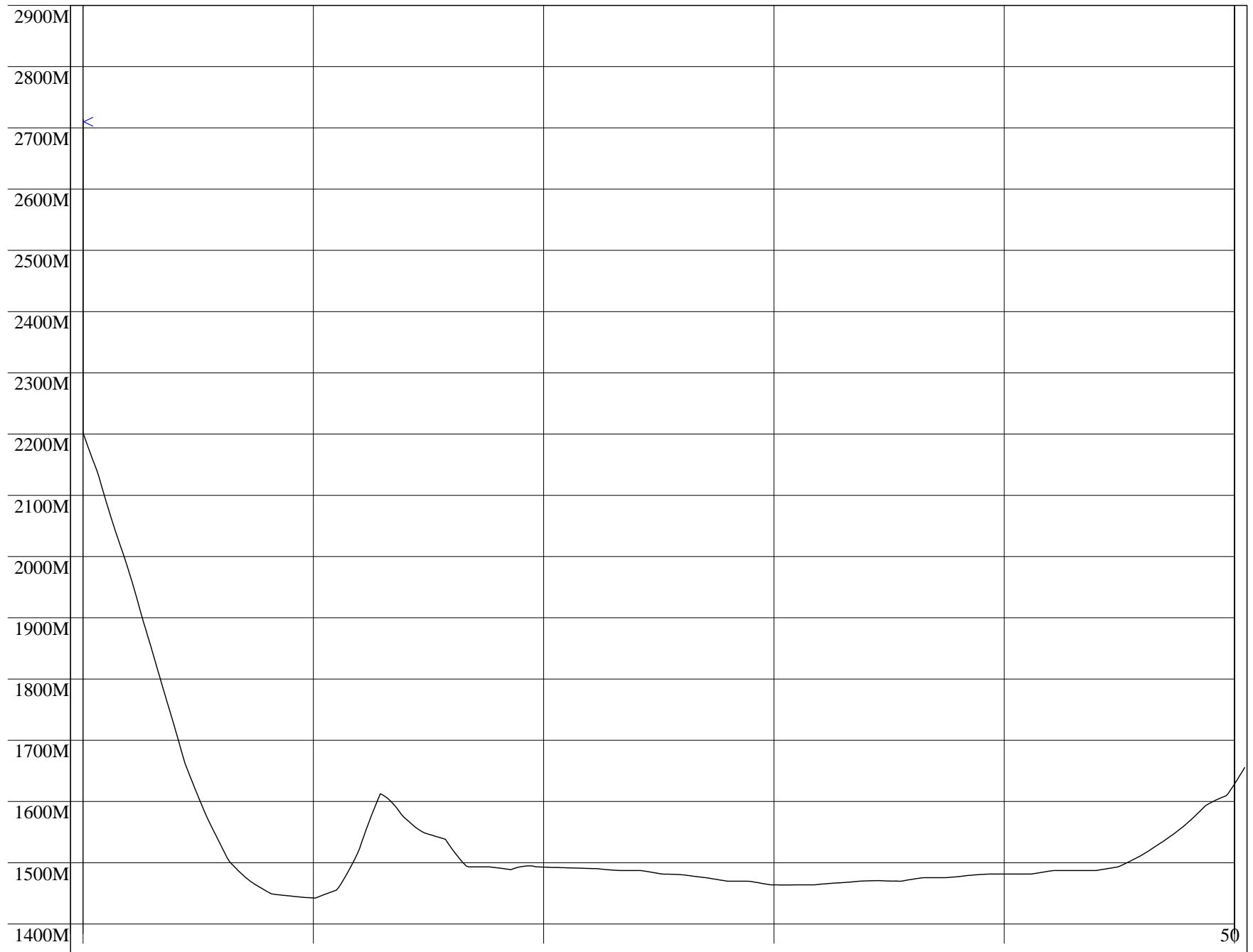
Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 187°
Delta h= 103.8M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -2.2 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.84	000.2	2164.85	000.3	2154.05	000.4	2143.46	000.5	2133.06
000.6	2122.87	000.7	2110.93	000.8	2097.07	000.9	2083.46	001.0	2070.08	001.1	2056.94
001.2	2044.05	001.3	2031.39	001.4	2018.98	001.5	2006.80	001.6	1995.06	001.7	1984.26
001.8	1973.09	001.9	1961.54	002.0	1949.62	002.1	1937.33	002.2	1924.66	002.3	1911.61
002.4	1898.20	002.5	1884.40	002.6	1871.52	002.7	1858.79	002.8	1846.01	002.9	1833.15
003.0	1820.23	003.1	1807.25	003.2	1794.20	003.3	1781.09	003.4	1767.91	003.5	1754.82
003.6	1741.87	003.7	1728.91	003.8	1715.96	003.9	1703.01	004.0	1690.05	004.1	1677.10
004.2	1664.15	004.3	1651.19	004.4	1638.86	004.5	1629.12	004.6	1619.15	004.7	1609.17
004.8	1599.28	004.9	1589.49	005.0	1579.78	005.1	1570.16	005.2	1560.64	005.3	1551.21
005.4	1543.29	005.5	1535.60	005.6	1527.90	005.7	1520.21	005.8	1512.51	005.9	1504.82
006.0	1497.12	006.1	1489.42	006.2	1481.73	006.3	1475.69	006.4	1471.08	006.5	1466.58
006.6	1462.20	006.7	1457.92	006.8	1453.75	006.9	1449.68	007.0	1445.73	007.1	1441.89
007.2	1438.37	007.3	1435.65	007.4	1432.98	007.5	1430.35	007.6	1427.76	007.7	1425.22
007.8	1422.72	007.9	1420.27	008.0	1417.86	008.1	1415.49	008.2	1414.87	008.3	1414.43
008.4	1413.99	008.5	1413.55	008.6	1413.11	008.7	1412.67	008.8	1412.23	008.9	1411.79
009.0	1411.35	009.1	1410.99	009.2	1410.68	009.3	1410.35	009.4	1409.99	009.5	1409.61
009.6	1409.21	009.7	1408.79	009.8	1408.35	009.9	1407.88	010.0	1407.88	010.1	1409.20
010.2	1410.56	010.3	1411.97	010.4	1413.42	010.5	1414.94	010.6	1416.47	010.7	1417.98
010.8	1419.47	010.9	1420.95	011.0	1424.96	011.1	1429.33	011.2	1433.92	011.3	1438.72
011.4	1443.74	011.5	1448.98	011.6	1454.43	011.7	1460.11	011.8	1466.00	011.9	1476.82
012.0	1490.28	012.1	1503.48	012.2	1516.41	012.3	1529.08	012.4	1541.48	012.5	1553.62
012.6	1565.49	012.7	1577.10	012.8	1585.56	012.9	1587.14	013.0	1588.32	013.1	1589.10
013.2	1589.48	013.3	1589.46	013.4	1589.04	013.5	1588.23	013.6	1587.01	013.7	1585.40
013.8	1582.82	013.9	1580.19	014.0	1577.52	014.1	1574.80	014.2	1572.04	014.3	1569.23
014.4	1566.38	014.5	1563.49	014.6	1560.56	014.7	1556.97	014.8	1553.27	014.9	1549.78
015.0	1546.51	015.1	1543.46	015.2	1540.64	015.3	1538.03	015.4	1535.65	015.5	1533.48
015.6	1529.32	015.7	1521.12	015.8	1513.12	015.9	1505.32	016.0	1497.72	016.1	1490.32
016.2	1483.12	016.3	1476.12	016.4	1469.35	016.5	1463.00	016.6	1463.00	016.7	1463.00
016.8	1463.00	016.9	1463.00	017.0	1463.00	017.1	1463.00	017.2	1463.00	017.3	1463.00
017.4	1463.00	017.5	1462.91	017.6	1462.77	017.7	1462.61	017.8	1462.42	017.9	1462.21
018.0	1461.99	018.1	1461.73	018.2	1461.46	018.3	1461.17	018.4	1462.34	018.5	1465.80
018.6	1469.11	018.7	1472.26	018.8	1475.25	018.9	1478.09	019.0	1480.78	019.1	1483.31
019.2	1485.68	019.3	1487.73	019.4	1487.22	019.5	1486.68	019.6	1486.13	019.7	1485.55
019.8	1484.95	019.9	1484.33	020.0	1483.68	020.1	1483.02	020.2	1482.33	020.3	1483.25
020.4	1484.53	020.5	1485.56	020.6	1486.35	020.7	1486.90	020.8	1487.21	020.9	1487.27
021.0	1487.09	021.1	1486.67	021.2	1484.94	021.3	1481.84	021.4	1478.95	021.5	1476.29
021.6	1473.85	021.7	1471.63	021.8	1469.63	021.9	1467.85	022.0	1466.29	022.1	1464.89
022.2	1463.14	022.3	1461.64	022.4	1460.93	022.5	1460.24	022.6	1459.58	022.7	1458.93
022.8	1458.31	022.9	1457.70	023.0	1457.12	023.1	1457.00	023.2	1457.00	023.3	1457.00
023.4	1457.00	023.5	1457.00	023.6	1457.00	023.7	1457.00	023.8	1457.00	023.9	1457.00
024.0	1456.70	024.1	1456.06	024.2	1455.42	024.3	1454.77	024.4	1454.13	024.5	1453.48
024.6	1452.84	024.7	1452.20	024.8	1451.55	024.9	1451.00	025.0	1451.00	025.1	1451.00
025.2	1451.00	025.3	1451.00	025.4	1451.00	025.5	1451.00	025.6	1451.00	025.7	1451.00
025.8	1451.00	025.9	1450.68	026.0	1450.27	026.1	1449.84	026.2	1449.38	026.3	1448.91
026.4	1448.41	026.5	1447.89	026.6	1447.35	026.7	1446.79	026.8	1446.12	026.9	1445.38
027.0	1444.63	027.1	1443.89	027.2	1443.14	027.3	1442.40	027.4	1441.66	027.5	1440.91
027.6	1440.17	027.7	1439.53	027.8	1439.38	027.9	1439.26	028.0	1439.15	028.1	1439.07
028.2	1439.01	028.3	1439.00	028.4	1439.00	028.5	1439.00	028.6	1439.00	028.7	1438.45
028.8	1437.80	028.9	1437.16	029.0	1436.52	029.1	1435.87	029.2	1435.23	029.3	1434.58
029.4	1433.94	029.5	1433.30	029.6	1433.27	029.7	1433.75	029.8	1434.20	029.9	1434.64
030.0	1435.05	030.1	1435.45	030.2	1435.82	030.3	1436.17	030.4	1436.49	030.5	1436.71
030.6	1436.61	030.7	1436.51	030.8	1436.41	030.9	1436.31	031.0	1436.21	031.1	1436.11
031.2	1436.01	031.3	1435.91	031.4	1435.80	031.5	1436.28	031.6	1436.83	031.7	1437.37
031.8	1437.91	031.9	1438.45	032.0	1439.00	032.1	1439.54	032.2	1440.08	032.3	1440.63
032.4	1440.80	032.5	1440.69	032.6	1440.59	032.7	1440.49	032.8	1440.39	032.9	1440.29
033.0	1440.19	033.1	1440.09	033.2	1439.99	033.3	1440.03	033.4	1440.49	033.5	1440.98
033.6	1441.48	033.7	1442.01	033.8	1442.55	033.9	1443.12	034.0	1443.72	034.1	1444.33
034.2	1444.94	034.3	1444.88	034.4	1444.78	034.5	1444.68	034.6	1444.58	034.7	1444.48
034.8	1444.38	034.9	1444.28	035.0	1444.18	035.1	1444.07	035.2	1444.04	035.3	1444.07
035.4	1444.12	035.5	1444.19	035.6	1444.28	035.7	1444.39	035.8	1444.53	035.9	1444.68
036.0	1444.86	036.1	1445.13	036.2	1445.55	036.3	1445.95	036.4	1446.33	036.5	1446.69
036.6	1447.03	036.7	1447.34	036.8	1447.63	036.9	1447.90	037.0	1448.15	037.1	1448.06
037.2	1447.96	037.3	1447.86	037.4	1447.76	037.5	1447.66	037.6	1447.56	037.7	1447.46
037.8	1447.35	037.9	1447.25	038.0	1447.43	038.1	1447.76	038.2	1448.11	038.3	1448.48
038.4	1448.88	038.5	1449.29	038.6	1449.73	038.7	1450.19	038.8	1450.67	038.9	1451.05
039.0	1451.17	039.1	1451.26	039.2	1451.34	039.3	1451.39	039.4	1451.43	039.5	1451.44
039.6	1451.43	039.7	1451.40	039.8	1451.34	039.9	1451.24	040.0	1451.14	040.1	1451.04
040.2	1451.00	040.3	1451.00	040.4	1451.00	040.5	1451.00	040.6	1451.00	040.7	1451.00
040.8	1451.45	040.9	1452.10	041.0	1452.74	041.1	1453.38	041.2	1454.03	041.3	1454.67
041.4	1455.32	041.5	1455.96	041.6	1456.60	041.7	1457.00	041.8	1457.00	041.9	1457.00
042.0	1457.00	042.1	1457.00	042.2	1457.00	042.3	1457.00	042.4	1457.00	042.5	1457.00
042.6	1457.00	042.7	1457.00	042.8	1457.00	042.9	1457.00	043.0	1457.00	043.1	1457.00

043.2	1457.00	043.3	1457.00	043.4	1457.00	043.5	1457.00	043.6	1457.48	043.7	1458.12
043.8	1458.77	043.9	1459.41	044.0	1460.05	044.1	1460.70	044.2	1461.34	044.3	1461.99
044.4	1462.63	044.5	1463.62	044.6	1465.07	044.7	1466.49	044.8	1467.89	044.9	1469.27
045.0	1470.63	045.1	1471.97	045.2	1473.28	045.3	1474.58	045.4	1475.85	045.5	1477.04
045.6	1478.24	045.7	1479.43	045.8	1480.62	045.9	1481.80	046.0	1482.98	046.1	1484.15
046.2	1485.63	046.3	1487.14	046.4	1489.24	046.5	1491.49	046.6	1493.73	046.7	1495.97
046.8	1498.21	046.9	1500.44	047.0	1502.67	047.1	1504.90	047.2	1507.12	047.3	1509.06
047.4	1510.69	047.5	1512.35	047.6	1514.02	047.7	1515.72	047.8	1517.44	047.9	1519.18
048.0	1520.94	048.1	1522.73	048.2	1524.70	048.3	1527.61	048.4	1530.53	048.5	1533.45
048.6	1536.38	048.7	1539.31	048.8	1542.25	048.9	1545.18	049.0	1548.13	049.1	1551.07
049.2	1555.06	049.3	1559.23	049.4	1563.35	049.5	1567.42	049.6	1571.45	049.7	1575.43
049.8	1579.36	049.9	1583.25	050.0	1587.09						



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 188°

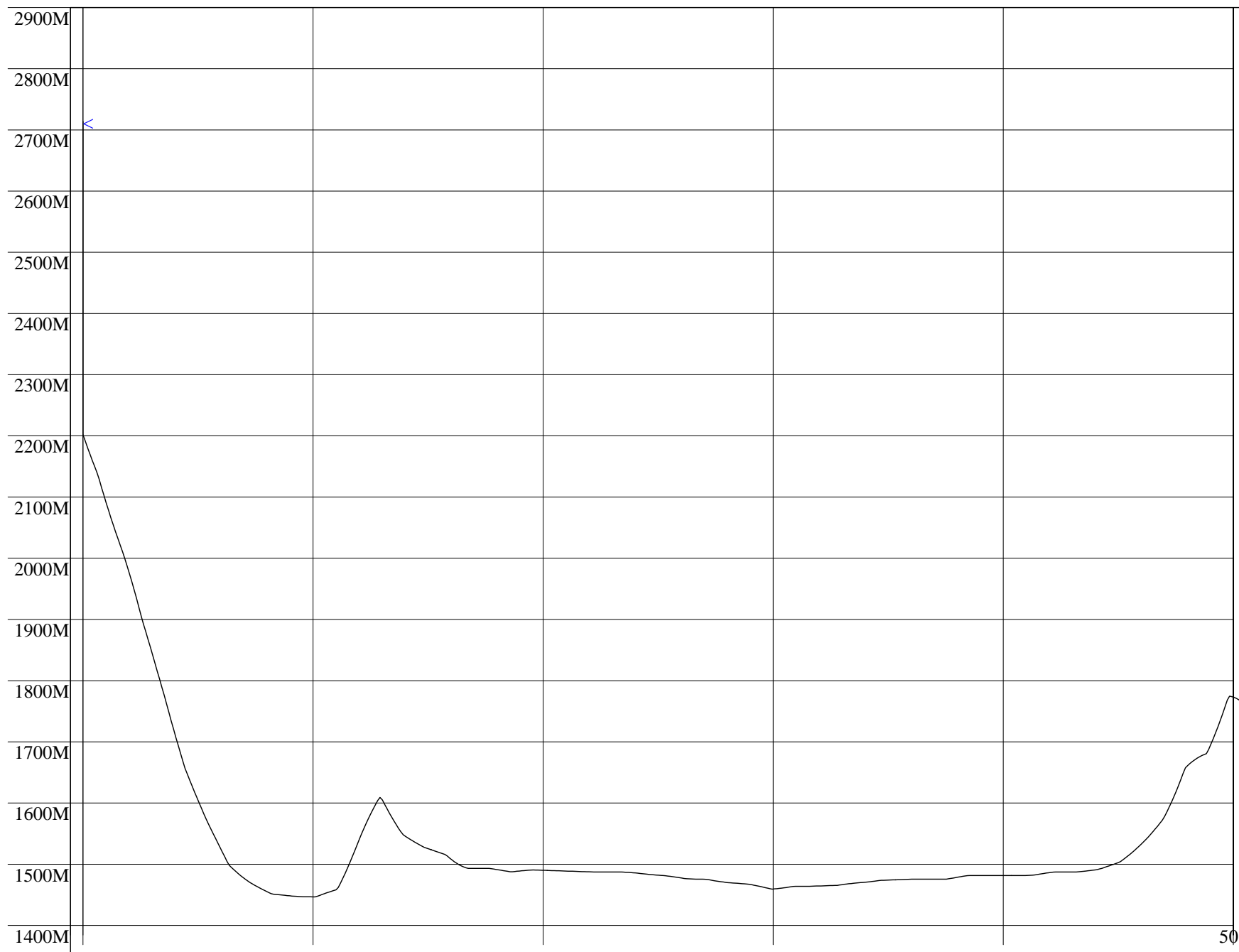
Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 188°
Delta h= 103.5M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -2.2 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.85	000.2	2164.89	000.3	2154.16	000.4	2143.65	000.5	2133.38
000.6	2123.33	000.7	2111.64	000.8	2098.01	000.9	2084.67	001.0	2071.59	001.1	2058.79
001.2	2046.27	001.3	2034.01	001.4	2022.03	001.5	2010.32	001.6	1998.95	001.7	1987.96
001.8	1976.53	001.9	1964.68	002.0	1952.40	002.1	1939.70	002.2	1926.57	002.3	1913.01
002.4	1899.03	002.5	1884.62	002.6	1871.42	002.7	1858.57	002.8	1845.64	002.9	1832.64
003.0	1819.57	003.1	1806.42	003.2	1793.20	003.3	1779.91	003.4	1766.53	003.5	1753.29
003.6	1740.30	003.7	1727.30	003.8	1714.30	003.9	1701.31	004.0	1687.96	004.1	1674.19
004.2	1660.65	004.3	1647.34	004.4	1634.52	004.5	1624.54	004.6	1614.66	004.7	1604.88
004.8	1595.20	004.9	1585.63	005.0	1576.16	005.1	1566.80	005.2	1557.54	005.3	1548.38
005.4	1540.29	005.5	1532.54	005.6	1524.79	005.7	1517.04	005.8	1509.28	005.9	1501.53
006.0	1493.78	006.1	1486.03	006.2	1478.28	006.3	1471.95	006.4	1467.77	006.5	1463.71
006.6	1459.78	006.7	1455.97	006.8	1452.29	006.9	1448.73	007.0	1445.30	007.1	1441.98
007.2	1438.84	007.3	1436.35	007.4	1433.91	007.5	1431.52	007.6	1429.18	007.7	1426.89
007.8	1424.65	007.9	1422.46	008.0	1420.32	008.1	1418.23	008.2	1417.36	008.3	1416.95
008.4	1416.54	008.5	1416.13	008.6	1415.72	008.7	1415.31	008.8	1414.90	008.9	1414.49
009.0	1414.08	009.1	1413.67	009.2	1413.27	009.3	1412.89	009.4	1412.54	009.5	1412.22
009.6	1411.92	009.7	1411.65	009.8	1411.40	009.9	1411.17	010.0	1411.04	010.1	1412.57
010.2	1414.08	010.3	1415.57	010.4	1417.04	010.5	1418.49	010.6	1419.92	010.7	1421.33
010.8	1422.72	010.9	1424.08	011.0	1428.59	011.1	1434.67	011.2	1441.01	011.3	1447.59
011.4	1454.42	011.5	1461.50	011.6	1468.82	011.7	1476.39	011.8	1484.21	011.9	1493.50
012.0	1504.89	012.1	1515.97	012.2	1526.75	012.3	1537.23	012.4	1547.41	012.5	1557.29
012.6	1566.86	012.7	1576.14	012.8	1584.98	012.9	1582.96	013.0	1580.49	013.1	1577.56
013.2	1574.18	013.3	1570.35	013.4	1566.06	013.5	1561.32	013.6	1556.12	013.7	1550.47
013.8	1546.31	013.9	1543.00	014.0	1539.63	014.1	1536.21	014.2	1532.75	014.3	1529.23
014.4	1526.47	014.5	1523.99	014.6	1521.56	014.7	1519.57	014.8	1518.39	014.9	1517.21
015.0	1516.04	015.1	1514.86	015.2	1513.69	015.3	1512.51	015.4	1511.34	015.5	1510.16
015.6	1508.98	015.7	1503.07	015.8	1497.35	015.9	1491.88	016.0	1486.66	016.1	1481.70
016.2	1476.98	016.3	1472.52	016.4	1468.31	016.5	1464.35	016.6	1463.00	016.7	1463.00
016.8	1463.00	016.9	1463.00	017.0	1463.00	017.1	1463.00	017.2	1463.00	017.3	1463.00
017.4	1463.00	017.5	1462.88	017.6	1462.47	017.7	1462.04	017.8	1461.58	017.9	1461.10
018.0	1460.59	018.1	1460.05	018.2	1459.50	018.3	1458.91	018.4	1458.31	018.5	1459.65
018.6	1460.90	018.7	1461.98	018.8	1462.87	018.9	1463.59	019.0	1464.14	019.1	1464.50
019.2	1464.69	019.3	1464.70	019.4	1464.08	019.5	1463.13	019.6	1462.90	019.7	1462.78
019.8	1462.67	019.9	1462.55	020.0	1462.44	020.1	1462.32	020.2	1462.21	020.3	1462.09
020.4	1461.98	020.5	1461.86	020.6	1461.75	020.7	1461.63	020.8	1461.51	020.9	1461.40
021.0	1461.28	021.1	1461.17	021.2	1461.05	021.3	1460.94	021.4	1460.82	021.5	1460.71
021.6	1460.59	021.7	1460.48	021.8	1460.36	021.9	1460.24	022.0	1460.13	022.1	1460.01
022.2	1459.71	022.3	1459.31	022.4	1458.93	022.5	1458.57	022.6	1458.24	022.7	1457.93
022.8	1457.65	022.9	1457.39	023.0	1457.16	023.1	1457.00	023.2	1457.00	023.3	1457.00
023.4	1457.00	023.5	1457.00	023.6	1457.00	023.7	1457.00	023.8	1457.00	023.9	1457.00
024.0	1457.00	024.1	1456.41	024.2	1455.77	024.3	1455.13	024.4	1454.49	024.5	1453.85
024.6	1453.20	024.7	1452.56	024.8	1451.90	024.9	1451.27	025.0	1450.98	025.1	1450.92
025.2	1450.85	025.3	1450.74	025.4	1450.61	025.5	1450.46	025.6	1450.28	025.7	1450.08
025.8	1449.85	025.9	1449.52	026.0	1448.92	026.1	1448.35	026.2	1447.80	026.3	1447.28
026.4	1446.78	026.5	1446.31	026.6	1445.86	026.7	1445.44	026.8	1445.04	026.9	1444.43
027.0	1443.79	027.1	1443.15	027.2	1442.50	027.3	1441.86	027.4	1441.22	027.5	1440.58
027.6	1439.93	027.7	1439.29	027.8	1439.00	027.9	1439.00	028.0	1439.00	028.1	1439.00
028.2	1439.00	028.3	1439.00	028.4	1439.00	028.5	1439.00	028.6	1439.00	028.7	1438.87
028.8	1438.23	028.9	1437.58	029.0	1436.94	029.1	1436.30	029.2	1435.66	029.3	1435.02
029.4	1434.37	029.5	1433.73	029.6	1433.09	029.7	1433.02	029.8	1433.03	029.9	1433.01
030.0	1432.93	030.1	1432.88	030.2	1432.86	030.3	1432.86	030.4	1432.90	030.5	1432.96
030.6	1433.00	030.7	1433.00	030.8	1433.00	030.9	1433.00	031.0	1433.00	031.1	1433.00
031.2	1433.00	031.3	1433.00	031.4	1433.00	031.5	1433.08	031.6	1433.51	031.7	1433.92
031.8	1434.30	031.9	1434.66	032.0	1435.00	032.1	1435.31	032.2	1435.59	032.3	1435.85
032.4	1436.08	032.5	1436.29	032.6	1436.52	032.7	1436.77	032.8	1437.04	032.9	1437.34
033.0	1437.67	033.1	1438.02	033.2	1438.39	033.3	1438.79	033.4	1439.11	033.5	1439.30
033.6	1439.47	033.7	1439.62	033.8	1439.74	033.9	1439.83	034.0	1439.90	034.1	1439.95
034.2	1439.97	034.3	1439.95	034.4	1439.84	034.5	1439.72	034.6	1439.61	034.7	1439.49
034.8	1439.38	034.9	1439.26	035.0	1439.15	035.1	1439.03	035.2	1439.09	035.3	1439.71
035.4	1440.42	035.5	1441.11	035.6	1441.77	035.7	1442.41	035.8	1443.03	035.9	1443.62
036.0	1444.19	036.1	1444.73	036.2	1445.00	036.3	1445.00	036.4	1445.00	036.5	1445.00
036.6	1445.00	036.7	1445.00	036.8	1445.00	036.9	1445.00	037.0	1445.00	037.1	1445.03
037.2	1445.29	037.3	1445.57	037.4	1445.88	037.5	1446.21	037.6	1446.56	037.7	1446.95
037.8	1447.35	037.9	1447.78	038.0	1448.23	038.1	1448.64	038.2	1449.01	038.3	1449.35
038.4	1449.67	038.5	1449.97	038.6	1450.24	038.7	1450.49	038.8	1450.71	038.9	1450.90
039.0	1451.00	039.1	1451.00	039.2	1451.00	039.3	1451.00	039.4	1451.00	039.5	1451.00
039.6	1451.00	039.7	1451.00	039.8	1451.00	039.9	1451.00	040.0	1451.00	040.1	1451.00
040.2	1451.00	040.3	1451.00	040.4	1451.00	040.5	1451.00	040.6	1451.00	040.7	1451.00
040.8	1451.00	040.9	1451.50	041.0	1452.14	041.1	1452.78	041.2	1453.42	041.3	1454.06
041.4	1454.71	041.5	1455.35	041.6	1455.99	041.7	1456.63	041.8	1457.00	041.9	1457.00
042.0	1457.00	042.1	1457.00	042.2	1457.00	042.3	1457.00	042.4	1457.00	042.5	1457.00
042.6	1457.00	042.7	1457.00	042.8	1457.00	042.9	1457.00	043.0	1457.00	043.1	1457.00

043.2	1457.00	043.3	1457.00	043.4	1457.00	043.5	1457.00	043.6	1457.00	043.7	1457.48
043.8	1458.12	043.9	1458.77	044.0	1459.41	044.1	1460.05	044.2	1460.69	044.3	1461.34
044.4	1461.98	044.5	1462.62	044.6	1463.74	044.7	1465.56	044.8	1467.41	044.9	1469.29
045.0	1471.19	045.1	1473.11	045.2	1475.06	045.3	1477.03	045.4	1479.03	045.5	1481.06
045.6	1483.29	045.7	1485.71	045.8	1488.15	045.9	1490.62	046.0	1493.10	046.1	1495.60
046.2	1498.13	046.3	1500.67	046.4	1503.24	046.5	1505.84	046.6	1508.50	046.7	1511.21
046.8	1513.96	046.9	1516.77	047.0	1519.62	047.1	1522.53	047.2	1525.48	047.3	1528.48
047.4	1531.63	047.5	1535.01	047.6	1538.47	047.7	1542.01	047.8	1545.63	047.9	1549.32
048.0	1553.09	048.1	1556.94	048.2	1560.86	048.3	1564.79	048.4	1567.07	048.5	1569.24
048.6	1571.31	048.7	1573.28	048.8	1575.15	048.9	1576.91	049.0	1578.57	049.1	1580.13
049.2	1581.59	049.3	1586.01	049.4	1591.80	049.5	1597.68	049.6	1603.67	049.7	1609.76
049.8	1615.95	049.9	1622.24	050.0	1628.64						



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 189°

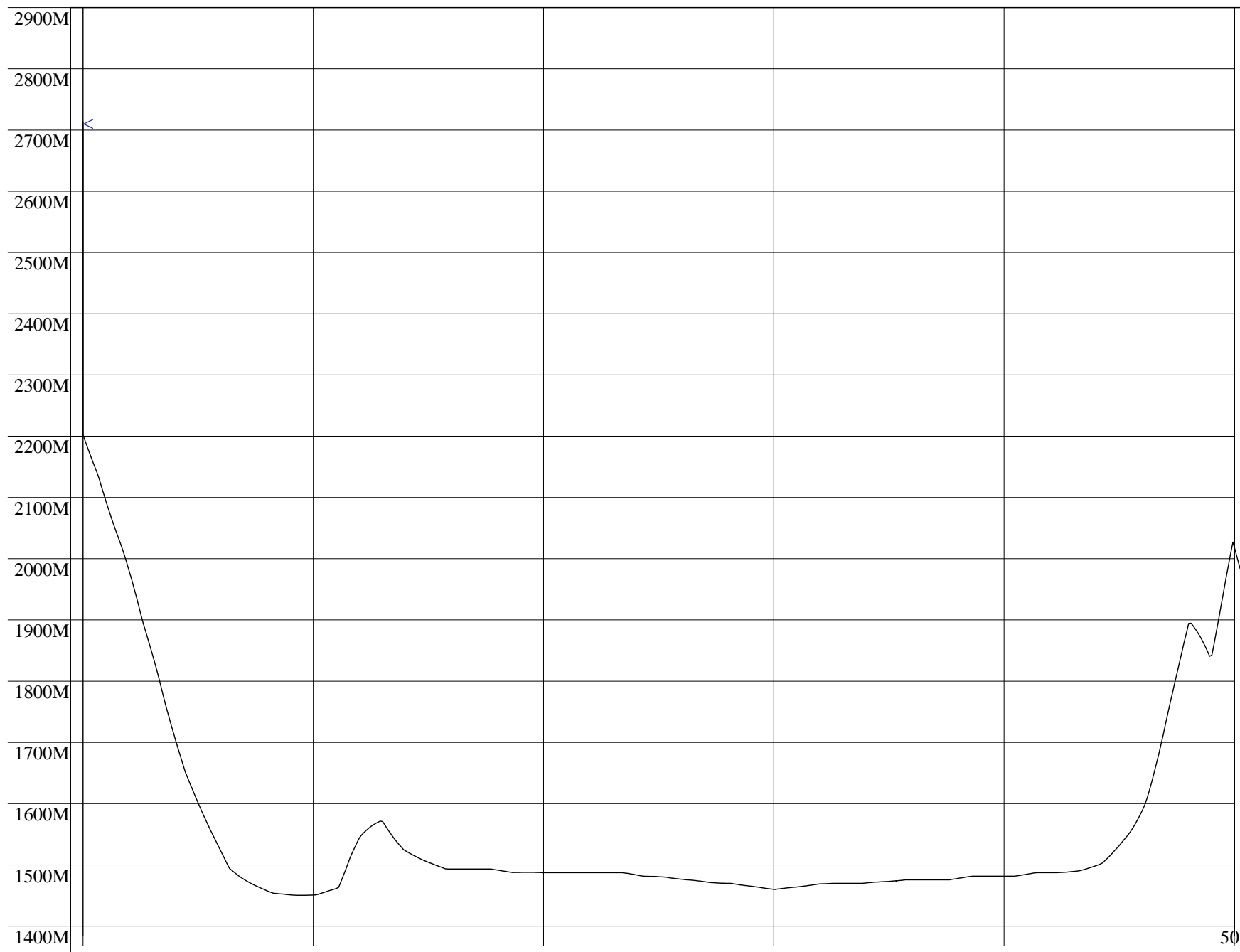
Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 189°
Delta h= 121.6M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -3.0 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.86	000.2	2164.94	000.3	2154.27	000.4	2143.86	000.5	2133.70
000.6	2123.80	000.7	2112.37	000.8	2098.99	000.9	2085.91	001.0	2073.14	001.1	2060.67
001.2	2048.52	001.3	2036.66	001.4	2025.12	001.5	2013.88	001.6	2002.94	001.7	1991.75
001.8	1980.08	001.9	1967.94	002.0	1955.32	002.1	1942.22	002.2	1928.64	002.3	1914.58
002.4	1900.05	002.5	1885.03	002.6	1871.43	002.7	1858.46	002.8	1845.41	002.9	1832.27
003.0	1819.05	003.1	1805.74	003.2	1792.36	003.3	1778.88	003.4	1765.33	003.5	1751.91
003.6	1737.69	003.7	1723.31	003.8	1709.19	003.9	1695.32	004.0	1681.70	004.1	1668.35
004.2	1655.24	004.3	1642.39	004.4	1629.80	004.5	1619.93	004.6	1610.23	004.7	1600.65
004.8	1591.19	004.9	1581.84	005.0	1572.61	005.1	1563.49	005.2	1554.49	005.3	1545.61
005.4	1537.41	005.5	1529.61	005.6	1521.80	005.7	1514.00	005.8	1506.19	005.9	1498.39
006.0	1490.59	006.1	1482.78	006.2	1474.98	006.3	1468.14	006.4	1464.38	006.5	1460.76
006.6	1457.28	006.7	1453.94	006.8	1450.73	006.9	1447.67	007.0	1444.75	007.1	1441.96
007.2	1439.32	007.3	1437.02	007.4	1434.81	007.5	1432.66	007.6	1430.56	007.7	1428.52
007.8	1426.54	007.9	1424.61	008.0	1422.74	008.1	1420.92	008.2	1419.87	008.3	1419.51
008.4	1419.14	008.5	1418.77	008.6	1418.39	008.7	1418.01	008.8	1417.62	008.9	1417.23
009.0	1416.83	009.1	1416.45	009.2	1416.23	009.3	1416.02	009.4	1415.85	009.5	1415.70
009.6	1415.59	009.7	1415.49	009.8	1415.43	009.9	1415.40	010.0	1415.39	010.1	1416.52
010.2	1417.94	010.3	1419.34	010.4	1420.71	010.5	1422.07	010.6	1423.40	010.7	1424.70
010.8	1425.99	010.9	1427.25	011.0	1431.10	011.1	1438.88	011.2	1446.93	011.3	1455.26
011.4	1463.88	011.5	1472.76	011.6	1481.93	011.7	1491.37	011.8	1501.10	011.9	1511.07
012.0	1520.41	012.1	1529.41	012.2	1538.07	012.3	1546.39	012.4	1554.38	012.5	1562.03
012.6	1569.34	012.7	1576.31	012.8	1581.35	012.9	1577.34	013.0	1569.83	013.1	1562.55
013.2	1555.50	013.3	1548.68	013.4	1542.08	013.5	1535.71	013.6	1529.57	013.7	1523.65
013.8	1518.92	013.9	1516.38	014.0	1513.91	014.1	1511.49	014.2	1509.12	014.3	1506.81
014.4	1504.56	014.5	1502.36	014.6	1500.21	014.7	1498.13	014.8	1496.76	014.9	1495.44
015.0	1494.12	015.1	1492.80	015.2	1491.48	015.3	1490.16	015.4	1488.83	015.5	1487.51
015.6	1486.19	015.7	1483.52	015.8	1480.08	015.9	1476.93	016.0	1474.06	016.1	1471.47
016.2	1469.17	016.3	1467.15	016.4	1465.41	016.5	1463.95	016.6	1463.00	016.7	1463.00
016.8	1463.00	016.9	1463.00	017.0	1463.00	017.1	1463.00	017.2	1463.00	017.3	1463.00
017.4	1463.00	017.5	1463.00	017.6	1462.46	017.7	1461.82	017.8	1461.18	017.9	1460.54
018.0	1459.89	018.1	1459.25	018.2	1458.61	018.3	1457.97	018.4	1457.33	018.5	1457.23
018.6	1457.69	018.7	1458.13	018.8	1458.53	018.9	1458.91	019.0	1459.26	019.1	1459.58
019.2	1459.88	019.3	1460.15	019.4	1460.34	019.5	1460.21	019.6	1460.09	019.7	1459.96
019.8	1459.83	019.9	1459.70	020.0	1459.57	020.1	1459.44	020.2	1459.31	020.3	1459.18
020.4	1459.05	020.5	1458.92	020.6	1458.79	020.7	1458.66	020.8	1458.53	020.9	1458.40
021.0	1458.27	021.1	1458.14	021.2	1458.01	021.3	1457.88	021.4	1457.75	021.5	1457.62
021.6	1457.49	021.7	1457.36	021.8	1457.23	021.9	1457.10	022.0	1457.00	022.1	1457.00
022.2	1457.00	022.3	1457.00	022.4	1457.00	022.5	1457.00	022.6	1457.00	022.7	1457.00
022.8	1457.00	022.9	1457.00	023.0	1457.00	023.1	1457.00	023.2	1456.89	023.3	1456.70
023.4	1456.48	023.5	1456.23	023.6	1455.95	023.7	1455.65	023.8	1455.32	023.9	1454.96
024.0	1454.57	024.1	1454.15	024.2	1453.69	024.3	1453.26	024.4	1452.85	024.5	1452.48
024.6	1452.13	024.7	1451.81	024.8	1451.52	024.9	1451.25	025.0	1451.02	025.1	1450.60
025.2	1450.14	025.3	1449.66	025.4	1449.14	025.5	1448.60	025.6	1448.03	025.7	1447.43
025.8	1446.81	025.9	1446.15	026.0	1445.74	026.1	1445.54	026.2	1445.38	026.3	1445.24
026.4	1445.14	026.5	1445.05	026.6	1445.00	026.7	1444.90	026.8	1444.77	026.9	1444.50
027.0	1443.79	027.1	1443.10	027.2	1442.45	027.3	1441.82	027.4	1441.21	027.5	1440.64
027.6	1440.09	027.7	1439.58	027.8	1439.08	027.9	1438.85	028.0	1438.65	028.1	1438.42
028.2	1438.16	028.3	1437.87	028.4	1437.55	028.5	1437.21	028.6	1436.84	028.7	1436.44
028.8	1435.84	028.9	1435.01	029.0	1434.18	029.1	1433.35	029.2	1432.51	029.3	1431.67
029.4	1430.82	029.5	1429.97	029.6	1429.11	029.7	1428.36	029.8	1428.73	029.9	1429.13
030.0	1429.56	030.1	1430.02	030.2	1430.52	030.3	1431.05	030.4	1431.61	030.5	1432.20
030.6	1432.82	030.7	1433.00	030.8	1433.00	030.9	1433.00	031.0	1433.00	031.1	1433.00
031.2	1433.00	031.3	1433.06	031.4	1433.18	031.5	1433.32	031.6	1433.47	031.7	1433.60
031.8	1433.73	031.9	1433.86	032.0	1433.99	032.1	1434.12	032.2	1434.25	032.3	1434.38
032.4	1434.51	032.5	1434.64	032.6	1435.22	032.7	1435.77	032.8	1436.30	032.9	1436.80
033.0	1437.27	033.1	1437.71	033.2	1438.13	033.3	1438.51	033.4	1438.87	033.5	1439.20
033.6	1439.53	033.7	1439.90	033.8	1440.29	033.9	1440.71	034.0	1441.15	034.1	1441.63
034.2	1442.13	034.3	1442.66	034.4	1443.10	034.5	1443.23	034.6	1443.36	034.7	1443.49
034.8	1443.62	034.9	1443.74	035.0	1443.87	035.1	1444.00	035.2	1444.13	035.3	1444.26
035.4	1444.45	035.5	1444.62	035.6	1444.76	035.7	1444.87	035.8	1444.96	035.9	1445.00
036.0	1445.00	036.1	1445.00	036.2	1445.00	036.3	1445.00	036.4	1445.00	036.5	1445.00
036.6	1445.00	036.7	1445.00	036.8	1445.00	036.9	1445.00	037.0	1445.00	037.1	1445.00
037.2	1445.11	037.3	1445.75	037.4	1446.39	037.5	1447.03	037.6	1447.67	037.7	1448.31
037.8	1448.95	037.9	1449.59	038.0	1450.23	038.1	1450.88	038.2	1451.00	038.3	1451.00
038.4	1451.00	038.5	1451.00	038.6	1451.00	038.7	1451.00	038.8	1451.00	038.9	1451.00
039.0	1451.00	039.1	1451.00	039.2	1451.00	039.3	1451.00	039.4	1451.00	039.5	1451.00
039.6	1451.00	039.7	1451.00	039.8	1451.00	039.9	1451.00	040.0	1451.00	040.1	1451.00
040.2	1451.00	040.3	1451.00	040.4	1451.00	040.5	1451.00	040.6	1451.07	040.7	1451.18
040.8	1451.32	040.9	1451.48	041.0	1452.04	041.1	1452.71	041.2	1453.37	041.3	1453.99
041.4	1454.59	041.5	1455.16	041.6	1455.70	041.7	1456.21	041.8	1456.70	041.9	1457.00
042.0	1457.00	042.1	1457.00	042.2	1457.00	042.3	1457.00	042.4	1457.00	042.5	1457.00
042.6	1457.00	042.7	1457.00	042.8	1457.00	042.9	1457.32	043.0	1457.68	043.1	1458.06

043.2	1458.47	043.3	1458.91	043.4	1459.38	043.5	1459.87	043.6	1460.40	043.7	1460.95
043.8	1461.92	043.9	1463.16	044.0	1464.43	044.1	1465.73	044.2	1467.06	044.3	1468.42
044.4	1469.80	044.5	1471.21	044.6	1472.65	044.7	1474.46	044.8	1477.33	044.9	1480.24
045.0	1483.18	045.1	1486.15	045.2	1489.35	045.3	1492.89	045.4	1496.45	045.5	1500.04
045.6	1503.65	045.7	1507.47	045.8	1511.46	045.9	1515.58	046.0	1519.85	046.1	1524.26
046.2	1528.81	046.3	1533.51	046.4	1538.34	046.5	1543.32	046.6	1549.62	046.7	1557.32
046.8	1565.38	046.9	1573.81	047.0	1582.60	047.1	1591.76	047.2	1601.29	047.3	1611.19
047.4	1621.45	047.5	1631.01	047.6	1634.76	047.7	1638.22	047.8	1641.40	047.9	1644.29
048.0	1646.90	048.1	1649.22	048.2	1651.26	048.3	1653.02	048.4	1654.48	048.5	1661.52
048.6	1670.42	048.7	1679.71	048.8	1689.40	048.9	1699.48	049.0	1709.96	049.1	1720.83
049.2	1732.09	049.3	1743.75	049.4	1750.43	049.5	1749.65	049.6	1748.39	049.7	1746.65
049.8	1744.44	049.9	1742.51	050.0	1740.19						



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 190°

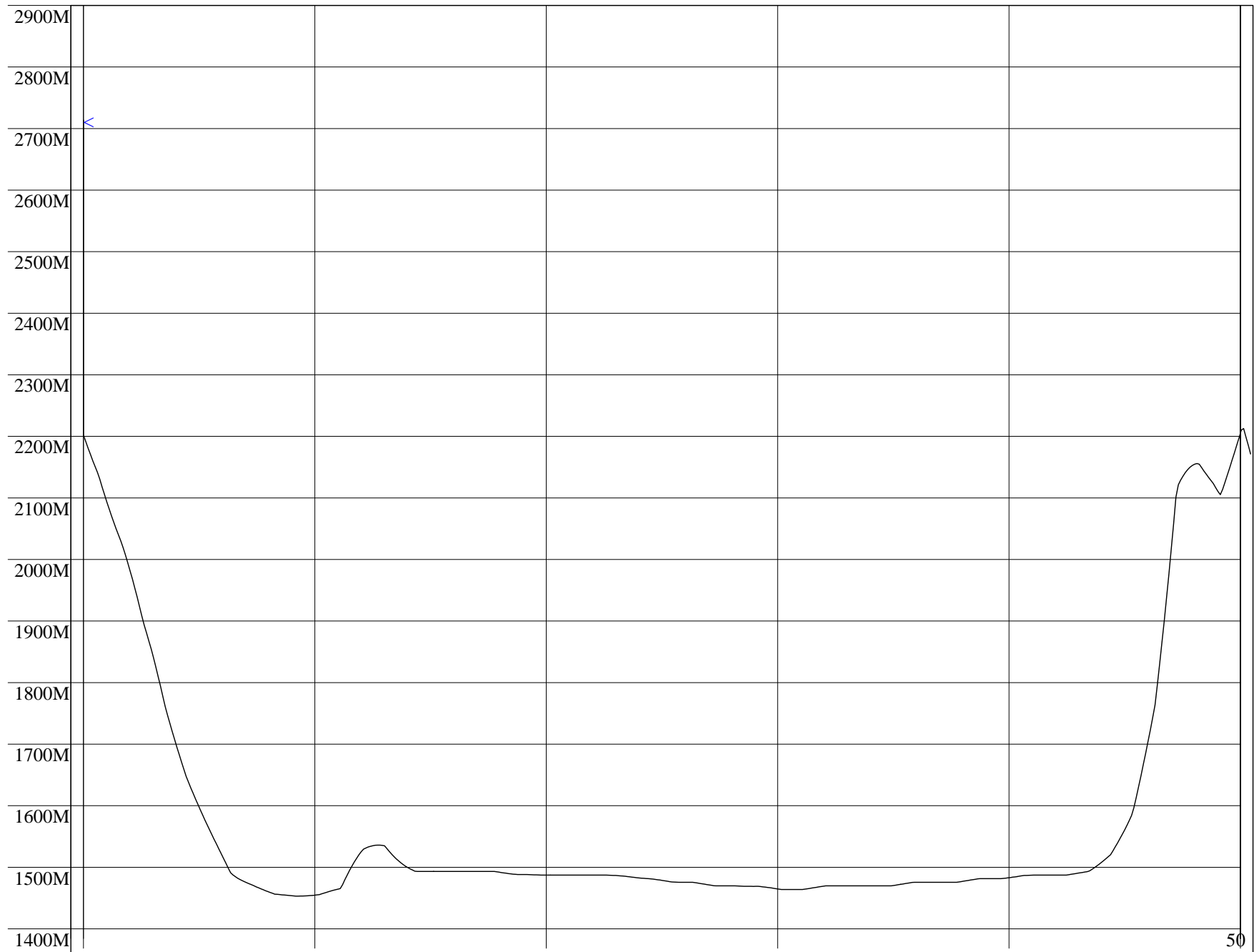
Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 190°
Delta h= 157.8M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -4.4 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.87	000.2	2164.99	000.3	2154.39	000.4	2144.08	000.5	2134.04
000.6	2124.29	000.7	2113.13	000.8	2099.98	000.9	2087.18	001.0	2074.71	001.1	2062.58
001.2	2050.80	001.3	2039.35	001.4	2028.24	001.5	2017.47	001.6	2007.01	001.7	1995.64
001.8	1983.75	001.9	1971.32	002.0	1958.36	002.1	1944.88	002.2	1930.87	002.3	1916.32
002.4	1901.25	002.5	1885.65	002.6	1871.57	002.7	1858.48	002.8	1845.30	002.9	1832.03
003.0	1818.67	003.1	1805.21	003.2	1791.34	003.3	1776.10	003.4	1760.33	003.5	1744.50
003.6	1730.13	003.7	1716.05	003.8	1702.25	003.9	1688.73	004.0	1675.49	004.1	1662.53
004.2	1649.86	004.3	1637.47	004.4	1625.36	004.5	1615.38	004.6	1605.87	004.7	1596.49
004.8	1587.23	004.9	1578.10	005.0	1569.11	005.1	1560.24	005.2	1551.49	005.3	1542.88
005.4	1534.66	005.5	1526.81	005.6	1518.95	005.7	1511.10	005.8	1503.24	005.9	1495.39
006.0	1487.53	006.1	1479.68	006.2	1471.82	006.3	1464.23	006.4	1460.89	006.5	1457.70
006.6	1454.66	006.7	1451.78	006.8	1449.05	006.9	1446.47	007.0	1444.05	007.1	1441.78
007.2	1439.67	007.3	1437.65	007.4	1435.76	007.5	1433.95	007.6	1432.17	007.7	1430.42
007.8	1428.71	007.9	1427.04	008.0	1425.40	008.1	1423.80	008.2	1422.57	008.3	1422.22
008.4	1421.86	008.5	1421.50	008.6	1421.13	008.7	1420.76	008.8	1420.38	008.9	1420.00
009.0	1419.61	009.1	1419.22	009.2	1419.12	009.3	1419.09	009.4	1419.09	009.5	1419.12
009.6	1419.18	009.7	1419.27	009.8	1419.39	009.9	1419.54	010.0	1419.72	010.1	1420.49
010.2	1421.82	010.3	1423.13	010.4	1424.42	010.5	1425.68	010.6	1426.91	010.7	1428.12
010.8	1429.30	010.9	1430.46	011.0	1432.33	011.1	1441.77	011.2	1451.52	011.3	1461.57
011.4	1471.93	011.5	1482.16	011.6	1490.95	011.7	1499.36	011.8	1507.41	011.9	1515.07
012.0	1520.25	012.1	1524.19	012.2	1527.82	012.3	1531.13	012.4	1534.14	012.5	1536.83
012.6	1539.20	012.7	1541.27	012.8	1543.02	012.9	1542.12	013.0	1535.92	013.1	1529.97
013.2	1524.27	013.3	1518.83	013.4	1513.63	013.5	1508.69	013.6	1504.00	013.7	1499.55
013.8	1495.36	013.9	1492.92	014.0	1490.69	014.1	1488.52	014.2	1486.41	014.3	1484.37
014.4	1482.38	014.5	1480.46	014.6	1478.60	014.7	1476.80	014.8	1475.20	014.9	1473.73
015.0	1472.26	015.1	1470.80	015.2	1469.33	015.3	1467.86	015.4	1466.40	015.5	1464.93
015.6	1463.46	015.7	1463.00	015.8	1463.00	015.9	1463.00	016.0	1463.00	016.1	1463.00
016.2	1463.00	016.3	1463.00	016.4	1463.00	016.5	1463.00	016.6	1463.00	016.7	1463.00
016.8	1463.00	016.9	1463.00	017.0	1463.00	017.1	1463.00	017.2	1463.00	017.3	1463.00
017.4	1463.00	017.5	1463.00	017.6	1462.79	017.7	1462.15	017.8	1461.51	017.9	1460.87
018.0	1460.23	018.1	1459.59	018.2	1458.95	018.3	1458.31	018.4	1457.68	018.5	1457.04
018.6	1457.17	018.7	1457.33	018.8	1457.45	018.9	1457.54	019.0	1457.60	019.1	1457.63
019.2	1457.63	019.3	1457.60	019.4	1457.54	019.5	1457.42	019.6	1457.28	019.7	1457.13
019.8	1457.00	019.9	1457.00	020.0	1457.00	020.1	1457.00	020.2	1457.00	020.3	1457.00
020.4	1457.00	020.5	1457.00	020.6	1457.00	020.7	1457.00	020.8	1457.00	020.9	1457.00
021.0	1457.00	021.1	1457.00	021.2	1457.00	021.3	1457.00	021.4	1457.00	021.5	1457.00
021.6	1457.00	021.7	1457.00	021.8	1457.00	021.9	1457.00	022.0	1457.00	022.1	1457.00
022.2	1457.00	022.3	1457.00	022.4	1457.00	022.5	1457.00	022.6	1457.00	022.7	1457.00
022.8	1457.00	022.9	1457.00	023.0	1457.00	023.1	1457.00	023.2	1457.00	023.3	1456.47
023.4	1455.91	023.5	1455.31	023.6	1454.68	023.7	1454.02	023.8	1453.33	023.9	1452.60
024.0	1451.90	024.1	1451.26	024.2	1450.98	024.3	1450.92	024.4	1450.83	024.5	1450.70
024.6	1450.55	024.7	1450.36	024.8	1450.15	024.9	1449.90	025.0	1449.63	025.1	1449.27
025.2	1448.68	025.3	1448.12	025.4	1447.59	025.5	1447.09	025.6	1446.63	025.7	1446.19
025.8	1445.78	025.9	1445.41	026.0	1445.07	026.1	1444.74	026.2	1444.38	026.3	1444.00
026.4	1443.58	026.5	1443.13	026.6	1442.65	026.7	1442.14	026.8	1441.60	026.9	1441.03
027.0	1440.55	027.1	1440.26	027.2	1439.99	027.3	1439.76	027.4	1439.56	027.5	1439.38
027.6	1439.24	027.7	1439.13	027.8	1439.05	027.9	1438.99	028.0	1438.37	028.1	1437.72
028.2	1437.11	028.3	1436.54	028.4	1436.01	028.5	1435.50	028.6	1435.03	028.7	1434.59
028.8	1434.17	028.9	1433.66	029.0	1433.08	029.1	1432.51	029.2	1431.94	029.3	1431.38
029.4	1430.83	029.5	1430.27	029.6	1429.73	029.7	1429.18	029.8	1428.91	029.9	1429.50
030.0	1430.06	030.1	1430.58	030.2	1431.06	030.3	1431.51	030.4	1431.93	030.5	1432.30
030.6	1432.65	030.7	1432.95	030.8	1433.34	030.9	1433.78	031.0	1434.25	031.1	1434.75
031.2	1435.28	031.3	1435.83	031.4	1436.43	031.5	1437.05	031.6	1437.70	031.7	1438.14
031.8	1438.28	031.9	1438.43	032.0	1438.57	032.1	1438.71	032.2	1438.86	032.3	1439.00
032.4	1439.00	032.5	1439.00	032.6	1439.00	032.7	1439.00	032.8	1439.00	032.9	1439.00
033.0	1439.00	033.1	1439.00	033.2	1439.00	033.3	1439.00	033.4	1439.00	033.5	1439.00
033.6	1439.29	033.7	1439.70	033.8	1440.09	033.9	1440.44	034.0	1440.77	034.1	1441.06
034.2	1441.32	034.3	1441.55	034.4	1441.75	034.5	1441.93	034.6	1442.14	034.7	1442.39
034.8	1442.66	034.9	1442.96	035.0	1443.30	035.1	1443.66	035.2	1444.06	035.3	1444.48
035.4	1444.94	035.5	1445.00	035.6	1445.00	035.7	1445.00	035.8	1445.00	035.9	1445.00
036.0	1445.00	036.1	1445.00	036.2	1445.00	036.3	1445.00	036.4	1445.00	036.5	1445.00
036.6	1445.00	036.7	1445.00	036.8	1445.00	036.9	1445.00	037.0	1445.00	037.1	1445.00
037.2	1445.00	037.3	1445.06	037.4	1445.70	037.5	1446.33	037.6	1446.97	037.7	1447.61
037.8	1448.25	037.9	1448.89	038.0	1449.53	038.1	1450.17	038.2	1450.81	038.3	1451.00
038.4	1451.00	038.5	1451.00	038.6	1451.00	038.7	1451.00	038.8	1451.00	038.9	1451.00
039.0	1451.00	039.1	1451.00	039.2	1451.00	039.3	1451.00	039.4	1451.00	039.5	1451.00
039.6	1451.00	039.7	1451.00	039.8	1451.00	039.9	1451.00	040.0	1451.00	040.1	1451.00
040.2	1451.52	040.3	1452.12	040.4	1452.74	040.5	1453.40	040.6	1454.09	040.7	1454.80
040.8	1455.47	040.9	1456.11	041.0	1456.72	041.1	1457.00	041.2	1457.00	041.3	1457.00
041.4	1457.00	041.5	1457.00	041.6	1457.00	041.7	1457.00	041.8	1457.00	041.9	1457.00
042.0	1457.03	042.1	1457.25	042.2	1457.50	042.3	1457.78	042.4	1458.10	042.5	1458.44
042.6	1458.81	042.7	1459.22	042.8	1459.65	042.9	1460.12	043.0	1461.08	043.1	1462.25

043.2	1463.45	043.3	1464.67	043.4	1465.93	043.5	1467.22	043.6	1468.54	043.7	1469.88
043.8	1471.26	043.9	1473.43	044.0	1477.14	044.1	1480.97	044.2	1484.94	044.3	1489.03
044.4	1493.24	044.5	1497.59	044.6	1502.06	044.7	1506.66	044.8	1511.39	044.9	1515.69
045.0	1520.55	045.1	1525.94	045.2	1531.86	045.3	1538.32	045.4	1545.31	045.5	1552.84
045.6	1560.89	045.7	1569.49	045.8	1580.49	045.9	1593.63	046.0	1607.45	046.1	1621.95
046.2	1637.13	046.3	1652.99	046.4	1669.53	046.5	1686.76	046.6	1704.66	046.7	1722.97
046.8	1740.14	046.9	1757.18	047.0	1774.09	047.1	1790.87	047.2	1807.53	047.3	1824.06
047.4	1840.47	047.5	1856.74	047.6	1872.89	047.7	1873.05	047.8	1868.10	047.9	1862.60
048.0	1856.55	048.1	1849.94	048.2	1842.78	048.3	1835.06	048.4	1826.80	048.5	1817.97
048.6	1819.97	048.7	1840.35	048.8	1861.11	048.9	1882.28	049.0	1903.84	049.1	1925.70
049.2	1947.15	049.3	1968.08	049.4	1988.48	049.5	2008.37	049.6	1994.52	049.7	1980.40
049.8	1966.28	049.9	1952.15	050.0	1938.01						



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 191°

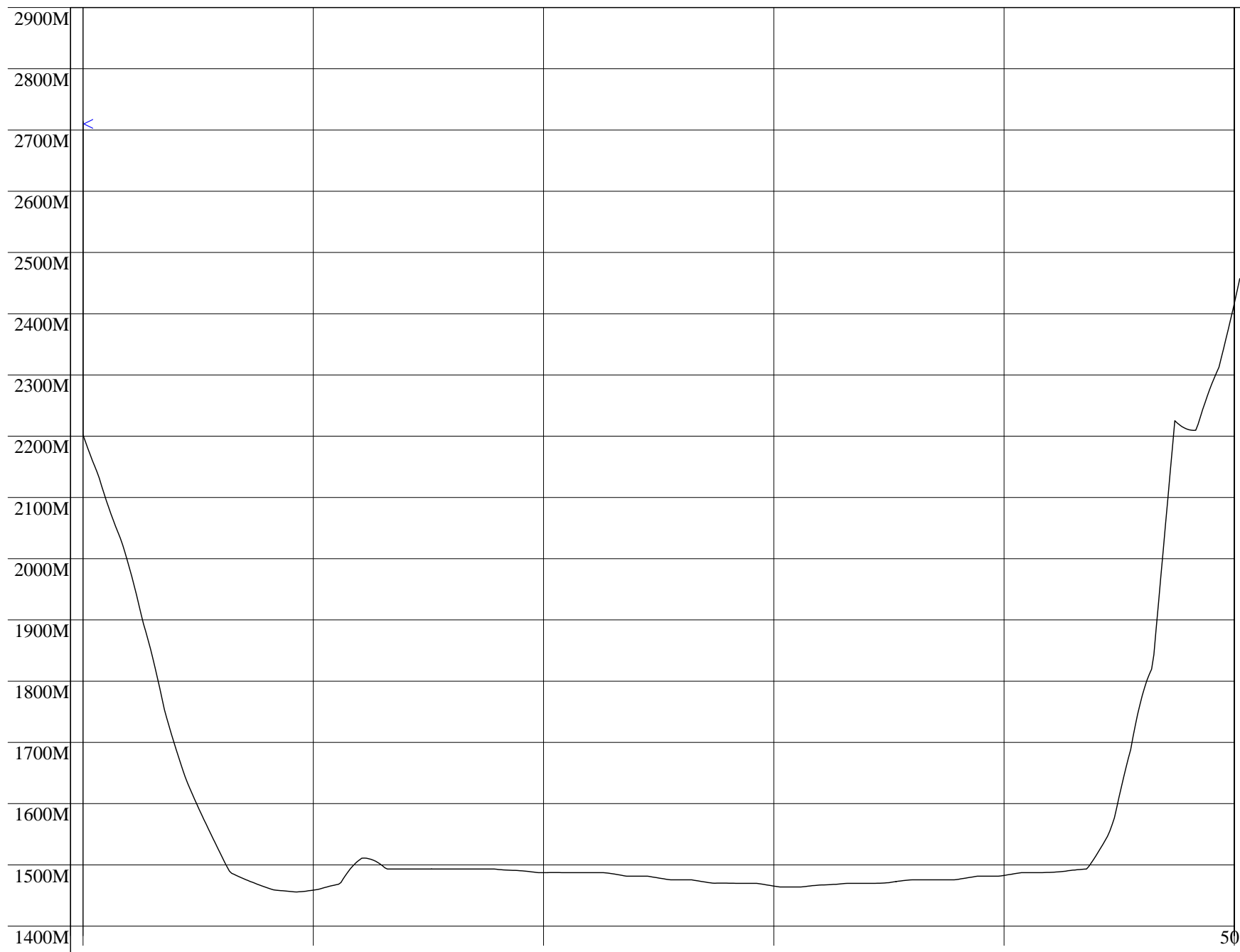
Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 191°
Delta h= 300.9M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -10.1 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.89	000.2	2165.05	000.3	2154.52	000.4	2144.31	000.5	2134.40
000.6	2124.80	000.7	2113.91	000.8	2101.00	000.9	2088.47	001.0	2076.31	001.1	2064.52
001.2	2053.10	001.3	2042.06	001.4	2031.38	001.5	2021.08	001.6	2011.15	001.7	1999.64
001.8	1987.53	001.9	1974.83	002.0	1961.56	002.1	1947.70	002.2	1933.27	002.3	1918.26
002.4	1902.66	002.5	1886.49	002.6	1871.83	002.7	1858.63	002.8	1845.34	002.9	1831.86
003.0	1817.38	003.1	1802.32	003.2	1786.68	003.3	1770.47	003.4	1753.67	003.5	1736.73
003.6	1722.62	003.7	1708.83	003.8	1695.34	003.9	1682.16	004.0	1669.30	004.1	1656.74
004.2	1644.49	004.3	1632.55	004.4	1620.92	004.5	1610.89	004.6	1601.56	004.7	1592.37
004.8	1583.32	004.9	1574.41	005.0	1565.64	005.1	1557.01	005.2	1548.53	005.3	1540.18
005.4	1532.05	005.5	1524.14	005.6	1516.24	005.7	1508.33	005.8	1500.43	005.9	1492.53
006.0	1484.62	006.1	1476.72	006.2	1468.81	006.3	1460.91	006.4	1457.27	006.5	1454.50
006.6	1451.90	006.7	1449.66	006.8	1447.84	006.9	1446.05	007.0	1444.29	007.1	1442.57
007.2	1440.89	007.3	1439.19	007.4	1437.49	007.5	1435.83	007.6	1434.20	007.7	1432.61
007.8	1431.07	007.9	1429.56	008.0	1428.09	008.1	1426.66	008.2	1425.28	008.3	1424.94
008.4	1424.60	008.5	1424.25	008.6	1423.89	008.7	1423.53	008.8	1423.17	008.9	1422.79
009.0	1422.42	009.1	1422.03	009.2	1421.94	009.3	1422.07	009.4	1422.24	009.5	1422.44
009.6	1422.68	009.7	1422.95	009.8	1423.25	009.9	1423.59	010.0	1423.96	010.1	1424.50
010.2	1425.75	010.3	1426.97	010.4	1428.17	010.5	1429.34	010.6	1430.47	010.7	1431.56
010.8	1432.62	010.9	1433.63	011.0	1434.61	011.1	1441.20	011.2	1449.47	011.3	1457.33
011.4	1464.78	011.5	1471.82	011.6	1478.45	011.7	1484.67	011.8	1490.48	011.9	1495.88
012.0	1500.04	012.1	1502.01	012.2	1503.63	012.3	1504.91	012.4	1505.85	012.5	1506.45
012.6	1506.71	012.7	1506.62	012.8	1506.19	012.9	1505.42	013.0	1500.95	013.1	1496.31
013.2	1491.93	013.3	1487.84	013.4	1484.01	013.5	1480.47	013.6	1477.19	013.7	1474.20
013.8	1471.48	013.9	1469.18	014.0	1467.19	014.1	1465.27	014.2	1463.42	014.3	1463.00
014.4	1463.00	014.5	1463.00	014.6	1463.00	014.7	1463.00	014.8	1463.00	014.9	1463.00
015.0	1463.00	015.1	1463.00	015.2	1463.00	015.3	1463.00	015.4	1463.00	015.5	1463.00
015.6	1463.00	015.7	1463.00	015.8	1463.00	015.9	1463.00	016.0	1463.00	016.1	1463.00
016.2	1463.00	016.3	1463.00	016.4	1463.00	016.5	1463.00	016.6	1463.00	016.7	1463.00
016.8	1463.00	016.9	1463.00	017.0	1463.00	017.1	1463.00	017.2	1463.00	017.3	1463.00
017.4	1463.00	017.5	1463.00	017.6	1463.00	017.7	1462.51	017.8	1461.87	017.9	1461.24
018.0	1460.60	018.1	1460.04	018.2	1459.51	018.3	1459.02	018.4	1458.57	018.5	1458.14
018.6	1457.90	018.7	1457.94	018.8	1457.94	018.9	1457.91	019.0	1457.85	019.1	1457.75
019.2	1457.62	019.3	1457.45	019.4	1457.25	019.5	1457.02	019.6	1457.00	019.7	1457.00
019.8	1457.00	019.9	1457.00	020.0	1457.00	020.1	1457.00	020.2	1457.00	020.3	1457.00
020.4	1457.00	020.5	1457.00	020.6	1457.00	020.7	1457.00	020.8	1457.00	020.9	1457.00
021.0	1457.00	021.1	1457.00	021.2	1457.00	021.3	1457.00	021.4	1457.00	021.5	1457.00
021.6	1457.00	021.7	1457.00	021.8	1457.00	021.9	1457.00	022.0	1457.00	022.1	1457.00
022.2	1457.00	022.3	1457.00	022.4	1456.93	022.5	1456.81	022.6	1456.64	022.7	1456.45
022.8	1456.22	022.9	1455.95	023.0	1455.66	023.1	1455.33	023.2	1454.96	023.3	1454.53
023.4	1454.01	023.5	1453.52	023.6	1453.07	023.7	1452.65	023.8	1452.26	023.9	1451.91
024.0	1451.59	024.1	1451.30	024.2	1451.05	024.3	1450.66	024.4	1450.21	024.5	1449.73
024.6	1449.21	024.7	1448.66	024.8	1448.07	024.9	1447.45	025.0	1446.80	025.1	1446.12
025.2	1445.59	025.3	1445.39	025.4	1445.22	025.5	1445.09	025.6	1445.00	025.7	1445.00
025.8	1445.00	025.9	1445.00	026.0	1445.00	026.1	1445.00	026.2	1444.39	026.3	1443.75
026.4	1443.12	026.5	1442.48	026.6	1441.84	026.7	1441.21	026.8	1440.57	026.9	1439.93
027.0	1439.30	027.1	1439.00	027.2	1439.00	027.3	1439.00	027.4	1439.00	027.5	1439.00
027.6	1439.00	027.7	1439.00	027.8	1439.00	027.9	1439.00	028.0	1438.97	028.1	1438.76
028.2	1438.58	028.3	1438.43	028.4	1438.32	028.5	1438.24	028.6	1438.20	028.7	1438.18
028.8	1438.21	028.9	1438.26	029.0	1437.95	029.1	1437.46	029.2	1436.98	029.3	1436.51
029.4	1436.01	029.5	1435.38	029.6	1434.74	029.7	1434.10	029.8	1433.47	029.9	1433.00
030.0	1433.00	030.1	1433.00	030.2	1433.00	030.3	1433.00	030.4	1433.00	030.5	1433.00
030.6	1433.00	030.7	1433.00	030.8	1433.00	030.9	1433.54	031.0	1434.17	031.1	1434.81
031.2	1435.45	031.3	1436.08	031.4	1436.72	031.5	1437.36	031.6	1438.00	031.7	1438.63
031.8	1439.00	031.9	1439.00	032.0	1439.00	032.1	1439.00	032.2	1439.00	032.3	1439.00
032.4	1439.00	032.5	1439.00	032.6	1439.00	032.7	1439.00	032.8	1439.00	032.9	1439.00
033.0	1439.00	033.1	1439.00	033.2	1439.00	033.3	1439.00	033.4	1439.00	033.5	1439.00
033.6	1439.00	033.7	1439.00	033.8	1439.00	033.9	1439.00	034.0	1439.00	034.1	1439.00
034.2	1439.00	034.3	1439.00	034.4	1439.00	034.5	1439.00	034.6	1439.10	034.7	1439.73
034.8	1440.37	034.9	1441.01	035.0	1441.64	035.1	1442.28	035.2	1442.92	035.3	1443.56
035.4	1444.19	035.5	1444.83	035.6	1445.00	035.7	1445.00	035.8	1445.00	035.9	1445.00
036.0	1445.00	036.1	1445.00	036.2	1445.00	036.3	1445.00	036.4	1445.00	036.5	1445.00
036.6	1445.00	036.7	1445.00	036.8	1445.00	036.9	1445.00	037.0	1445.00	037.1	1445.00
037.2	1445.00	037.3	1445.00	037.4	1445.00	037.5	1445.56	037.6	1446.20	037.7	1446.84
037.8	1447.47	037.9	1448.11	038.0	1448.75	038.1	1449.38	038.2	1450.02	038.3	1450.66
038.4	1451.00	038.5	1451.00	038.6	1451.00	038.7	1451.00	038.8	1451.00	038.9	1451.00
039.0	1451.00	039.1	1451.00	039.2	1451.00	039.3	1451.02	039.4	1451.42	039.5	1451.86
039.6	1452.33	039.7	1452.83	039.8	1453.37	039.9	1453.94	040.0	1454.55	040.1	1455.19
040.2	1455.86	040.3	1456.27	040.4	1456.49	040.5	1456.67	040.6	1456.81	040.7	1456.93
040.8	1457.00	040.9	1457.00	041.0	1457.00	041.1	1457.00	041.2	1457.00	041.3	1457.00
041.4	1457.00	041.5	1457.00	041.6	1457.00	041.7	1457.00	041.8	1457.00	041.9	1457.00
042.0	1457.00	042.1	1457.00	042.2	1457.49	042.3	1458.13	042.4	1458.77	042.5	1459.40
042.6	1460.04	042.7	1460.68	042.8	1461.31	042.9	1461.95	043.0	1462.59	043.1	1463.88

043.2	1466.44	043.3	1469.12	043.4	1471.89	043.5	1474.78	043.6	1477.77	043.7	1480.86
043.8	1484.06	043.9	1487.37	044.0	1490.78	044.1	1497.11	044.2	1503.78	044.3	1510.58
044.4	1517.50	044.5	1524.55	044.6	1531.73	044.7	1539.60	044.8	1547.70	044.9	1556.00
045.0	1568.75	045.1	1585.96	045.2	1603.57	045.3	1621.59	045.4	1640.00	045.5	1658.81
045.6	1678.02	045.7	1697.64	045.8	1717.65	045.9	1739.07	046.0	1772.12	046.1	1806.48
046.2	1842.17	046.3	1879.19	046.4	1917.53	046.5	1957.20	046.6	1998.19	046.7	2040.50
046.8	2084.14	046.9	2104.68	047.0	2112.30	047.1	2119.00	047.2	2124.78	047.3	2129.64
047.4	2133.59	047.5	2136.62	047.6	2138.73	047.7	2139.92	047.8	2138.78	047.9	2133.01
048.0	2127.41	048.1	2121.98	048.2	2116.72	048.3	2111.64	048.4	2106.73	048.5	2099.99
048.6	2093.69	048.7	2088.31	048.8	2096.94	048.9	2108.69	049.0	2120.59	049.1	2132.67
049.2	2144.91	049.3	2157.32	049.4	2169.90	049.5	2182.64	049.6	2195.55	049.7	2197.96
049.8	2184.12	049.9	2170.03	050.0	2155.66						



Km

N. Lat. 39 15 21

W. Lng. 119 42 37

Azimuth = 192°

Xmit COR 2720 M Mtrs AMSL

D.L. Markley & Associates, Inc.
Terrain Radial Table Using V-Soft Comm. 30 Arc Second Data

39 15 21 N.
119 42 37 W.
Azimuth of radial= 192°
Delta h= 350.7M, Interval=.1, COR AMSL= 2720 M M
Attenuation= -12.1 dB
Radial length = 50 km(Delta h calculation begins at 10 km)

000.0	2187.04	000.1	2175.91	000.2	2165.12	000.3	2154.66	000.4	2144.54	000.5	2134.76
000.6	2125.32	000.7	2114.71	000.8	2102.05	000.9	2089.79	001.0	2077.94	001.1	2066.48
001.2	2055.44	001.3	2044.79	001.4	2034.55	001.5	2024.71	001.6	2015.28	001.7	2003.75
001.8	1991.43	001.9	1978.48	002.0	1964.90	002.1	1950.70	002.2	1935.86	002.3	1920.39
002.4	1904.29	002.5	1887.57	002.6	1872.21	002.7	1858.80	002.8	1844.77	002.9	1830.11
003.0	1814.83	003.1	1798.91	003.2	1782.37	003.3	1765.19	003.4	1747.39	003.5	1728.99
003.6	1715.14	003.7	1701.63	003.8	1688.45	003.9	1675.61	004.0	1663.11	004.1	1650.94
004.2	1639.11	004.3	1627.61	004.4	1616.45	004.5	1606.44	004.6	1597.28	004.7	1588.28
004.8	1579.44	004.9	1570.74	005.0	1562.20	005.1	1553.81	005.2	1545.58	005.3	1537.49
005.4	1529.56	005.5	1521.61	005.6	1513.66	005.7	1505.71	005.8	1497.76	005.9	1489.81
006.0	1481.86	006.1	1473.91	006.2	1466.50	006.3	1459.49	006.4	1455.83	006.5	1454.01
006.6	1452.22	006.7	1450.48	006.8	1448.77	006.9	1447.09	007.0	1445.45	007.1	1443.85
007.2	1442.29	007.3	1440.75	007.4	1439.19	007.5	1437.67	007.6	1436.20	007.7	1434.77
007.8	1433.38	007.9	1432.04	008.0	1430.74	008.1	1429.48	008.2	1428.26	008.3	1427.69
008.4	1427.36	008.5	1427.02	008.6	1426.68	008.7	1426.33	008.8	1425.98	008.9	1425.61
009.0	1425.25	009.1	1424.87	009.2	1424.66	009.3	1424.96	009.4	1425.30	009.5	1425.67
009.6	1426.10	009.7	1426.65	009.8	1427.20	009.9	1427.74	010.0	1428.29	010.1	1428.84
010.2	1429.88	010.3	1430.99	010.4	1432.07	010.5	1433.10	010.6	1434.09	010.7	1435.04
010.8	1435.94	010.9	1436.80	011.0	1437.62	011.1	1440.40	011.2	1446.69	011.3	1452.54
011.4	1457.94	011.5	1462.89	011.6	1467.40	011.7	1471.47	011.8	1475.09	011.9	1478.26
012.0	1480.99	012.1	1481.28	012.2	1480.94	012.3	1480.23	012.4	1479.15	012.5	1477.69
012.6	1475.86	012.7	1473.66	012.8	1471.09	012.9	1468.15	013.0	1464.76	013.1	1463.00
013.2	1463.00	013.3	1463.00	013.4	1463.00	013.5	1463.00	013.6	1463.00	013.7	1463.00
013.8	1463.00	013.9	1463.00	014.0	1463.00	014.1	1463.00	014.2	1463.00	014.3	1463.00
014.4	1463.00	014.5	1463.00	014.6	1463.00	014.7	1463.00	014.8	1463.00	014.9	1463.00
015.0	1463.00	015.1	1463.00	015.2	1463.00	015.3	1463.00	015.4	1463.00	015.5	1463.00
015.6	1463.00	015.7	1463.00	015.8	1463.00	015.9	1463.00	016.0	1463.00	016.1	1463.00
016.2	1463.00	016.3	1463.00	016.4	1463.00	016.5	1463.00	016.6	1463.00	016.7	1463.00
016.8	1463.00	016.9	1463.00	017.0	1463.00	017.1	1463.00	017.2	1463.00	017.3	1463.00
017.4	1463.00	017.5	1463.00	017.6	1463.00	017.7	1462.94	017.8	1462.54	017.9	1462.18
018.0	1461.85	018.1	1461.56	018.2	1461.31	018.3	1461.10	018.4	1460.92	018.5	1460.77
018.6	1460.67	018.7	1460.49	018.8	1460.23	018.9	1459.94	019.0	1459.61	019.1	1459.24
019.2	1458.84	019.3	1458.40	019.4	1457.93	019.5	1457.42	019.6	1457.00	019.7	1457.00
019.8	1457.00	019.9	1457.00	020.0	1457.00	020.1	1457.08	020.2	1457.12	020.3	1457.12
020.4	1457.09	020.5	1457.02	020.6	1457.00	020.7	1457.00	020.8	1457.00	020.9	1457.00
021.0	1457.00	021.1	1457.00	021.2	1457.00	021.3	1457.00	021.4	1457.00	021.5	1457.00
021.6	1457.00	021.7	1457.00	021.8	1457.00	021.9	1457.00	022.0	1457.00	022.1	1457.00
022.2	1457.00	022.3	1457.00	022.4	1457.00	022.5	1456.61	022.6	1456.12	022.7	1455.59
022.8	1455.03	022.9	1454.43	023.0	1453.79	023.1	1453.12	023.2	1452.41	023.3	1451.67
023.4	1451.13	023.5	1451.00	023.6	1451.00	023.7	1451.00	023.8	1451.00	023.9	1451.00
024.0	1451.00	024.1	1451.00	024.2	1451.00	024.3	1451.00	024.4	1450.40	024.5	1449.77
024.6	1449.13	024.7	1448.50	024.8	1447.86	024.9	1447.23	025.0	1446.59	025.1	1445.96
025.2	1445.32	025.3	1445.00	025.4	1445.00	025.5	1445.00	025.6	1445.00	025.7	1445.00
025.8	1445.00	025.9	1445.00	026.0	1445.00	026.1	1445.00	026.2	1444.98	026.3	1444.34
026.4	1443.71	026.5	1443.08	026.6	1442.44	026.7	1441.81	026.8	1441.17	026.9	1440.54
027.0	1439.96	027.1	1439.50	027.2	1439.39	027.3	1439.49	027.4	1439.55	027.5	1439.58
027.6	1439.57	027.7	1439.52	027.8	1439.44	027.9	1439.32	028.0	1439.17	028.1	1439.00
028.2	1439.00	028.3	1439.00	028.4	1439.00	028.5	1439.00	028.6	1439.00	028.7	1439.00
028.8	1439.00	028.9	1439.00	029.0	1439.00	029.1	1438.58	029.2	1437.94	029.3	1437.31
029.4	1436.68	029.5	1436.04	029.6	1435.41	029.7	1434.77	029.8	1434.14	029.9	1433.50
030.0	1433.00	030.1	1433.00	030.2	1433.00	030.3	1433.00	030.4	1433.00	030.5	1433.00
030.6	1433.00	030.7	1433.00	030.8	1433.00	030.9	1433.00	031.0	1433.40	031.1	1433.90
031.2	1434.37	031.3	1434.80	031.4	1435.19	031.5	1435.54	031.6	1435.86	031.7	1436.15
031.8	1436.39	031.9	1436.57	032.0	1436.69	032.1	1436.84	032.2	1437.03	032.3	1437.26
032.4	1437.52	032.5	1437.82	032.6	1438.15	032.7	1438.52	032.8	1438.93	032.9	1439.00
033.0	1439.00	033.1	1439.00	033.2	1439.00	033.3	1439.00	033.4	1439.00	033.5	1439.00
033.6	1439.00	033.7	1439.00	033.8	1439.00	033.9	1439.00	034.0	1439.03	034.1	1439.10
034.2	1439.22	034.3	1439.36	034.4	1439.55	034.5	1439.76	034.6	1440.02	034.7	1440.31
034.8	1440.94	034.9	1441.55	035.0	1442.13	035.1	1442.67	035.2	1443.17	035.3	1443.64
035.4	1444.07	035.5	1444.47	035.6	1444.83	035.7	1445.00	035.8	1445.00	035.9	1445.00
036.0	1445.00	036.1	1445.00	036.2	1445.00	036.3	1445.00	036.4	1445.00	036.5	1445.00
036.6	1445.00	036.7	1445.00	036.8	1445.00	036.9	1445.00	037.0	1445.00	037.1	1445.00
037.2	1445.00	037.3	1445.00	037.4	1445.00	037.5	1445.00	037.6	1445.36	037.7	1445.99
037.8	1446.63	037.9	1447.26	038.0	1447.89	038.1	1448.53	038.2	1449.16	038.3	1449.80
038.4	1450.43	038.5	1451.00	038.6	1451.00	038.7	1451.00	038.8	1451.00	038.9	1451.00
039.0	1451.00	039.1	1451.00	039.2	1451.00	039.3	1451.00	039.4	1451.00	039.5	1451.41
039.6	1452.05	039.7	1452.68	039.8	1453.32	039.9	1453.95	040.0	1454.59	040.1	1455.22
040.2	1455.85	040.3	1456.49	040.4	1457.00	040.5	1457.00	040.6	1457.00	040.7	1457.00
040.8	1457.00	040.9	1457.00	041.0	1457.00	041.1	1457.00	041.2	1457.00	041.3	1457.00
041.4	1457.07	041.5	1457.19	041.6	1457.34	041.7	1457.53	041.8	1457.76	041.9	1458.03
042.0	1458.33	042.1	1458.67	042.2	1459.04	042.3	1459.49	042.4	1460.02	042.5	1460.51
042.6	1460.97	042.7	1461.39	042.8	1461.78	042.9	1462.13	043.0	1462.44	043.1	1462.72

043.2	1462.96	043.3	1467.51	043.4	1473.12	043.5	1478.91	043.6	1484.88	043.7	1491.04
043.8	1497.37	043.9	1503.89	044.0	1510.58	044.1	1517.46	044.2	1525.97	044.3	1537.10
044.4	1548.47	044.5	1565.81	044.6	1583.34	044.7	1600.27	044.8	1616.61	044.9	1632.36
045.0	1647.51	045.1	1662.07	045.2	1682.90	045.3	1702.77	045.4	1721.01	045.5	1737.64
045.6	1752.64	045.7	1766.02	045.8	1777.79	045.9	1787.93	046.0	1796.45	046.1	1820.46
046.2	1863.88	046.3	1907.30	046.4	1950.72	046.5	1994.14	046.6	2037.55	046.7	2080.97
046.8	2124.39	046.9	2167.81	047.0	2210.85	047.1	2207.15	047.2	2203.94	047.3	2201.20
047.4	2198.95	047.5	2197.19	047.6	2195.90	047.7	2195.10	047.8	2194.79	047.9	2194.95
048.0	2204.63	048.1	2217.35	048.2	2229.52	048.3	2241.14	048.4	2252.21	048.5	2262.73
048.6	2272.70	048.7	2282.12	048.8	2290.99	048.9	2300.01	049.0	2315.41	049.1	2331.06
049.2	2346.97	049.3	2363.14	049.4	2379.57	049.5	2396.26	049.6	2413.21	049.7	2430.42
049.8	2447.89	049.9	2445.13	050.0	2431.29						